

3GPP TSG-CN

Tdoc NP-030133

3GPP TSG-RAN

Tdoc RP-030153

3GPP TSG-T

Tdoc TP-0300058

Meeting #19, Birmingham (UK), March 2003

Source:

MCC

<mailto:john.meredith@etsi.fr>

Title:

Specs status list prior to TSGs#19

Document for:

information

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

3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)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

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Withdrawn / Stopped

3GPP specification status

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

ACTIVE specs

<?>

<?>

21 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.902	Evolution of 3GPP system							
<?>	current version: 0.1.0	DRAFT		WG (prime / other): SP / -	rapporteur: BISHOP, Craig		SAMSUNG Electronics Research Institute	
	freeze_meeting:			G: U: yes	MCC: POPE, Maurice			
<i>history (event, available, version, comments):</i>								
	Evolution meeting #2	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	remarks - general:		
	revised to add missing text	08/01/2003	0 . 1 . 0		get it	remarks - this release: .		

Rel-6

Rel-6

21 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.104	3rd Generation mobile system Release 6 specifications							
Rel-6	current version: none			WG (prime / other): SP / -	rapporteur: MEREDITH, John M		ETSI Secretariat	
	freeze_meeting: SP-16			G: U: yes	MCC: POPE, Maurice			
<i>history (event, available, version, comments):</i>								
remarks - general:								
remarks - this release: .								

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

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

TR 21.905 Vocabulary for 3GPP Specifications

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

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

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

Rel-6 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version, comments):
remarks - general: Transfer>TSG#4
remarks - this release: .

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

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

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

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

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

TS 22.071	Location Services (LCS); Stage 1					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-18 18/12/2002 6 . 2 . 0	get it				
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-18 10/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.101	Service aspects; Service principles					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.			
	SP-18 18/12/2002 6 . 2 . 0	get it				
<hr/>						
TS 22.105	Services and service capabilities					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-17 17/09/2002 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Rel-6 record created on approval of W1 "Scope of the Open Service Access Release 6".			
	SP-18 18/12/2002 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 22.140	Multimedia Messaging Service (MMS); Stage 1						
Rel-6	current version: 6.0.0 freeze_meeting: SP-22	WG (prime / other): S1 / - G: U: yes	rapporteur: LAUMEN, Josef MCC: CLAYTON, Michael		SIEMENS AG		
history (event, available, version, comments):							
	SP-18 20/12/2002 6 . 0 . 0			get it		remarks - general: (development in T2) remarks - this release: .	
TS 22.141	Presence service; Stage 1						
Rel-6	current version: 6.1.0 freeze_meeting: SP-22	WG (prime / other): S1 / - G: U: yes	rapporteur: WOHLERT, Randolph MCC: CLAYTON, Michael		SBC Communications Inc.		
history (event, available, version, comments):							
	SP-16 19/07/2002 6 . 0 . 0			get it		remarks - general:	
	SP-17 17/09/2002 6 . 1 . 0			get it		remarks - this release: SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".	
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1						
Rel-6	current version: 6.1.0 freeze_meeting: SP-22	WG (prime / other): S1 / - G: U: yes	rapporteur: JARVIS, Andre MCC: CLAYTON, Michael		3		
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: .	
TS 22.174	Push service; Stage 1						
Rel-6	current version: 6.1.0 freeze_meeting: SP-18	WG (prime / other): S1 / - G: yes U: yes	rapporteur: WOLAK, Stephen MCC: CLAYTON, Michael		VODAFONE Group Plc		
history (event, available, version, comments):							
	draft 27/03/2002 0 . 6 . 0			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						
post SP-16 clean up	04/07/2002 1 . 0 . 1			get it			
	SP-17 17/09/2002 2 . 0 . 0			get it			
	SP-17 16/09/2002 6 . 0 . 0			get it			
	SP-18 18/12/2002 6 . 1 . 0			get it			

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

TS 22.177	Speech-enabled services; Stage 1								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> ZARRI, Michele		T-Mobile (UK) Ltd		
	<i>freeze_meeting:</i> SP-22		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								<i>remarks - general:</i> Spec number reserved; production depends on results of feasibility study (22.977).
									<i>remarks - this release:</i> .
<hr/>									
TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> CATALDO, Mark		Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i> SP-20		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-16 04/07/2002 6 . 0 . 0		get it						<i>remarks - general:</i>
	SP-17 17/09/2002 6 . 1 . 0		get it						<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.
<hr/>									
TS 22.233	Transparent end-to-end packet-switched streamng service; Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> WOLAK, Stephen		VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-22		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-17 17/09/2002 6 . 0 . 0		get it						<i>remarks - general:</i>
	SP-18 18/12/2002 6 . 1 . 0		get it						<i>remarks - this release:</i> .
<hr/>									
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> AMERY, Paul		ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-17		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i> Cf work item "Generic user profile"
									<i>remarks - this release:</i> SP-17: Expected for SP-18.
<hr/>									
TS 22.242	Digital Rights Management (DRM); Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> WOOD, Nicholas		Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i> SP-18		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-15 19/03/2002 1 . 0 . 0	SP-020061	get it						<i>remarks - general:</i> SP-18: Stages 2 & 3 to be done by OMA.
	SP-16 04/07/2002 2 . 0 . 0	SP-020261	get it						<i>remarks - this release:</i> .
	SP-16 04/07/2002 6 . 0 . 0		get it						
	SP-17 17/09/2002 6 . 1 . 0		get it						

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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	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.					
	<i>freeze_meeting:</i> SP-22	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i>								
	brought forwards 02/01/2002 1 . 0 . 0	get it	<i>remarks - general:</i>						
	from Rel-5		<i>remarks - this release:</i> Delayed from Rel-5.						
	SP-15 27/03/2002 1 . 2 . 0 S1-020114	get it							
	SP-17 19/09/2002 2 . 0 . 0 SP-020572	get it							
	SP-17 16/09/2002 6 . 0 . 0	get it							
	SP-18 18/12/2002 6 . 1 . 0	get it							
<hr/>									
TS 22.250	IP Multimedia Subsystem (IMS) Group Management; Stage 1								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES					
	<i>freeze_meeting:</i> SP-22	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i>								
	draft 24/04/2002 0 . 1 . 0	get it	<i>remarks - general:</i>						
	SP-17 16/09/2002 1 . 0 . 0 SP-020566	get it	<i>remarks - this release:</i> .						
	SP-18 18/12/2002 2 . 0 . 0 SP-020669	get it							
	SP-18 18/12/2002 6 . 0 . 0	get it							
<hr/>									
TS 22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES					
	<i>freeze_meeting:</i> SP-22	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version, comments):</i>								
	SP-18 18/12/2002 2 . 0 . 0 SP-020671	get it	<i>remarks - general:</i> 2002-10-08: created from 22.940.						
	SP-18 18/12/2002 6 . 0 . 0	get it	<i>remarks - this release:</i> .						
<hr/>									
TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> FRANK, Robert	TeliaSonera AB				
	<i>freeze_meeting:</i> SP-22		<i>G:</i> <i>U:</i> 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> .						

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 22.857	Run-time independent framework feasibility study				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> WOODWARD, Ernest	Intel Sweden AB	
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version, comments):</i>				
	TP-17 30/08/2002 1 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-18 03/12/2002 2 . 0 . 0	get it	<i>remarks - this release:</i> .		TP-020274
	TP-18 20/12/2002 6 . 0 . 0	get it			
<hr/>					
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> PAINT, Frédéric	Telenor AS	
	<i>freeze_meeting:</i> SP-18	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-15 19/03/2002 1 . 0 . 0	get it	<i>remarks - general:</i>		SP-020059
	SP-17 19/09/2002 2 . 0 . 0	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-020569
	SP-17 16/09/2002 6 . 0 . 0	get it			
	SP-18 18/12/2002 6 . 1 . 0	get it			
<hr/>					
TR 22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	draft 26/03/2002 0 . 0 . 0	get it	<i>remarks - general:</i> 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,		
	draft 19/07/2002 0 . 1 . 0	get it	<i>remarks - this release:</i> 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,		
unwithdrawn and approved!				unwithdrawn and approved!	
	SP-16 19/07/2002 0 . 2 . 0	get it			
	SP-17 16/09/2002 1 . 0 . 0	get it			SP-020567
	SP-18 18/12/2002 2 . 0 . 0	get it			SP-020670
	SP-18 18/12/2002 6 . 0 . 0	get it			
<hr/>					
TR 22.950	Priority service feasibility study				
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.	
	<i>freeze_meeting:</i> SP-22	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				
	SP-15 19/03/2002 1 . 0 . 0	get it	<i>remarks - general:</i> Additional rapporteur: B Pramanik (Telcordia).		SP-020060
	draft 1 . 1 . 0		<i>remarks - this release:</i> .		
	SP-16 04/07/2002 2 . 0 . 0	get it			SP-020260
	SP-16 04/07/2002 6 . 0 . 0	get it			
	SP-18 18/12/2002 6 . 1 . 0	get it			

G = required in systems with GERAN 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 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

draft		0	.	0	.	0		S1-020342		
SP-17	16/09/2002	1	.	0	.	0		SP-020565	get it	<i>remarks - general:</i>
SP-18	18/12/2002	2	.	0	.	0		SP-020668	get it	<i>remarks - this release:</i> TP-16: anticipate v1.0.0 at TP-17.
SP-18	18/12/2002	6	.	0	.	0			get it	

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* ZARRI, Michele T-Mobile (UK) Ltd
freeze_meeting: SP-22 *G: U: yes* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

S1-14		0	.	0	.	0				<i>remarks - general:</i>
S1-15		0	.	1	.	0				<i>remarks - this release:</i> .
S1 SES		0	.	2	.	0				
S1 SES		0	.	3	.	0				
SP-16	04/07/2002	1	.	0	.	0		SP-020259	get it	
SP-17	19/09/2002	2	.	0	.	0		SP-020570	get it	
SP-17	16/09/2002	6	.	0	.	0			get it	

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

TS 23.040 Technical realization of Short Message Service (SMS)

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

history (event, available, version, comments):

TP-17	18/09/2002	6	.	0	.	0			get it	<i>remarks - general:</i>
post TP-17: adds test vector file	24/09/2002	6	.	0	.	1			get it	<i>remarks - this release:</i> .

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

3GPP specification status

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

TS 23.174	Push service; stage 2								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i> Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to
									<i>remarks - this release:</i> SP-17: Rel-5 -> Rel-6 to accord with stage 1. reserve the number just in case ...".
<hr/>									
TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas	Lucent Technologies				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-18 07/01/2003 6 . 0 . 0		get it	<i>remarks - general:</i>					
	edito post SP-18 07/01/2003 6 . 0 . 1	corrects Rel shown on front cover.	get it	<i>remarks - this release:</i> .					
<hr/>									
TS 23.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition								
Rel-6	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	conversion from 23.934 v0.5.0	0 . 1 . 0		<i>remarks - general:</i>					
	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	<i>remarks - this release:</i> SP-18: Anticipate approval SP-19.					
	draft 06/01/2003 1 . 2 . 1		get it						
	draft 08/01/2003 1 . 3 . 0		get it						
<hr/>									
TS 23.241	3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version, comments):</i>								
	draft 28/05/2002 0 . 3 . 0		get it	<i>remarks - general:</i> Cf work item "Generic user profile"					
				<i>remarks - this release:</i> RP-15: Delayed from Rel-5.					

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

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

TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan		NOKIA Corporation			
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-16 18/06/2002	6 . 0 . 0		get it	<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.			
	SP-17 02/10/2002	6 . 1 . 0		get it	<i>remarks - this release:</i>	Continues 23.871			
	SP-18 09/01/2003	6 . 2 . 0		get it					
<hr/>									
TR 23.841	Presence service architecture								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi		NOKIA KOREA			
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	SP-16 22/07/2002	2 . 0 . 0	SP-020319	get it	<i>remarks - general:</i>				
	SP-16 25/07/2002	6 . 0 . 0		get it	<i>remarks - this release:</i>	TP-16: clear that service is Rel-6.			
<hr/>									
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre		3			
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	draft 12/04/2002	0 . 3 . 0		get it	<i>remarks - general:</i>	This is a preparatory report which may result in the creation of a stage 2 TS 23.246.			
	S2-24	0 . 4 . 0			<i>remarks - this release:</i>	SP-15: To be a Rel-6 service, not Rel-5.			
	post S2-24 22/05/2002	0 . 5 . 0		get it					
	draft 28/05/2002	0 . 5 . 1		get it					
	SP-16 04/07/2002	1 . 0 . 0	SP-020361	get it					
	draft 19/07/2002	1 . 1 . 0		get it					
	draft 22/07/2002	1 . 1 . 1		get it					
	draft 16/09/2002	1 . 2 . 0		get it					
	SP-17 24/09/2002	2 . 0 . 0	SP-020535	get it					
	SP-17 03/10/2002	6 . 0 . 0		get it					
	SP-18 13/01/2003	6 . 1 . 0		get it					
<hr/>									
TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	<i>current version:</i> 0.4.1	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERTENYI, Balazs		NOKIA Corporation			
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	S2-29 03/02/2003	0 . 3 . 1	2003-02-03: Renumbered to 23.864.	get it	<i>remarks - general:</i>	Was briefly 23.964.			
	draft 24/02/2003	0 . 4 . 0		get it	<i>remarks - this release:</i>	.			
	draft 24/02/2003	0 . 4 . 1		get it					

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

TR 23.895	Provision of UE specific behaviour information to network entities					
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	draft	0 . 4 . 0			<i>remarks - general:</i>	
	SP-18	10/01/2003	1 . 0 . 0	SP-020797 for approval	get it	<i>remarks - this release:</i> .
	SP-18	13/01/2003	6 . 0 . 0	Anticipate CR next mtg to clarify that this is not a loophole to allow untested UEs to be placed on the market.	get it	
TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study					
Rel-6	<i>current version:</i> 0.5.1	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> MOUSSET, Claire	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-18		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	draft	07/08/2002	0 . 0 . 0		get it	<i>remarks - general:</i> Work Item: SP-020140
	draft	24/09/2002	0 . 1 . 0		get it	<i>remarks - this release:</i> .
	draft	24/09/2002	0 . 2 . 0		get it	
	draft	14/11/2002	0 . 3 . 0		get it	
	draft	14/11/2002	0 . 3 . 1		get it	
	S2-28	16/12/2002	0 . 4 . 0		get it	
	draft	16/12/2002	0 . 4 . 1		get it	
	S2-29	13/02/2003	0 . 5 . 0		get it	
	S2-29	13/02/2003	0 . 5 . 1		get it	
TR 23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PAINT, Frédéric	Telenor AS	
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	S2-24	07/05/2002	0 . 1 . 0		get it	<i>remarks - general:</i>
	SP-17	24/09/2002	1 . 0 . 0	SP-020536	get it	<i>remarks - this release:</i> 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.
TR 23.976	Push architecture					
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT ICOM	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	S2-29		0 . 0 . 0			<i>remarks - general:</i> 2003-02-04: 23.876 -> 23.976
	S2-29	03/02/2003	0 . 0 . 1		get it	<i>remarks - this release:</i> .
	draft	24/02/2003	0 . 1 . 0		get it	

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

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

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

Rel-6 *current version:* 0.3.0 DRAFT *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
draft 28/05/2002 0 . 3 . 0

[get it](#) *remarks - general:* Cf work item "Generic user profile" - may be renumbered to 27.241
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

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

Rel-6 *current version:* 0.5.0 DRAFT *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
draft 0 . 0 . 0 *remarks - general:*
N1-25 0 . 0 . 1 *remarks - this release:* .
N1-26 17/09/2002 0 . 1 . 0 [get it](#)
N1-26 03/10/2002 0 . 2 . 0 [get it](#)
N1-26bis 14/11/2002 0 . 3 . 0 [get it](#)
N1-27 17/01/2003 0 . 4 . 0 N1-030010 [get it](#)
N1-28 04/03/2003 0 . 5 . 0 [get it](#)

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

TS 25.101 UE Radio transmission and reception (FDD)

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

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	UTRA (BS) FDD; Radio transmission and reception								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18 10/01/2003 6 . 0 . 0	Early ETSI publication because	get it	<i>remarks - general:</i>					
		referenced in SCP publications.		<i>remarks - this release:</i>					
<hr/>									
TS 25.133	Requirements for support of radio resource management (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUERRINI, Claudio	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18 10/01/2003 6 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 25.141	Base station conformance testing (FDD)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NAKAMURA, Takaharu	Fujitsu Limited				
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version, comments):</i>								
	RP-18 10/01/2003 6 . 0 . 0	Early ETSI publication because	get it	<i>remarks - general:</i>					
		referenced in SCP publications.		<i>remarks - this release:</i>					
<hr/>									
TS 25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)								
Rel-6	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KOULAKIOTIS, Dimitris	Nokia Telecommunications Inc.				
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version, comments):</i>								
	draft 14/10/2002 1 . 1 . 0		get it	<i>remarks - general:</i>					
	draft 23/01/2003 1 . 2 . 0		get it	<i>remarks - this release:</i>					
	draft 03/02/2003 1 . 3 . 0		get it						
<hr/>									
TR 25.801	Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio Resource Management (RRM)								
Rel-6	<i>current version:</i> Resource Management (RRM)	INTERDIGITAL COMMUNICATIONS CORPORATION	<i>WG (prime / other):</i> none	<i>WG (prime / other):</i> R3	<i>rapporteur:</i> MILLER, James				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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

TR 25.887	Beamforming										
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> KAHTAVA, Jussi		Nokia Japan Co. Ltd			
	<i>freeze_meeting:</i> SP-22			<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> 1.1.0	DRAFT		<i>WG (prime / other):</i> R1 / -		<i>rapporteur:</i> LI, Xiaoqiang		SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> SP-22			<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>	
										<i>remarks - this release:</i> .	
<hr/>											
TR 25.889	Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study										
Rel-6	<i>current version:</i> 1.2.1	DRAFT		<i>WG (prime / other):</i> R4 / -		<i>rapporteur:</i> STAHLFJALL, Peter		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-22			<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					
<hr/>											
TR 25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5										
Rel-6	<i>current version:</i> 0.2.1	DRAFT		<i>WG (prime / other):</i> R3 /		<i>rapporteur:</i> HWANG, Woonhee		NOKIA Corporation			
	<i>freeze_meeting:</i> SP-22			<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					
<hr/>											
TR 25.892	Analysis of OFDM for UTRAN enhancement										
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 /		<i>rapporteur:</i> BOUMENDIL, Sarah		NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> RP-19			<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> .	
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ACTIVE specs Rel-6 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.894	Enhanced UE positioning using software blanking					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARTLETT, David	Cambridge Positioning Systems Limited		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 25.895	Analysis of higher chip rates for UTRA TDD evolution					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BEALE, Martin	IPWireless Inc.		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> 2002-10-07: anticipate approval at RP-20.			
<hr/>						
TR 25.896	Uplink enhancements for dedicated transport channels					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> RANTA-AHO, Karri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 25.897	Feasibility study on the evolution of UTRAN architecture					
Rel-6	<i>current version:</i> 0.1.1	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	draft 24/01/2003 0 . 1 . 1		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 25.898	Power control enhancements for UTRA					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> MITRA, Diptendu	NOKIA UK Ltd		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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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: none* *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: G: U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version, comments):
remarks - general:
remarks - this release: .

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

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

TS 26.244 Transparent end-to-end transparent streaming service; 3GPP file format (3GP)
Rel-6 *current version: none* *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 26.245 Transparent end-to-end transparent streaming service; Timed text format
Rel-6 *current version: none* *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: G: U: yes *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: .

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

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-16 25/06/2002 6 . 0 . 0 [get it](#) *remarks - general:*
TP-18 20/12/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-18 09/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 29.163 Interworking between the IM CN subsystem and CS networks

Rel-6 *current version:* 1.5.0 DRAFT *WG (prime / other):* N3 / - *rapporteur:* SANDERS, David VODAFONE Group Plc
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
N3-21 1 . 2 . 0 *remarks - general:*
editorials 1 . 2 . 1 *remarks - this release:* NP-16: For earlier versions: see Rel-5.
N3-23 1 . 3 . 1
draft 20/01/2003 1 . 4 . 1 [get it](#)
NP-19 06/03/2003 1 . 5 . 0 [get it](#)

TS 29.200 Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface

Rel-6 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* JANSSON, Jari NOKIA Corporation
freeze_meeting: SP-22 *G: U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
remarks - general: Work item description in N4-021258.
remarks - this release: .

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

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

TR 29.962 Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage
Rel-6 *current version:* 1.1.0 DRAFT *WG (prime / other):* N3 / - *rporteur:* BELLING, Thomas SIEMENS AG
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-18 06/01/2003 1 . 0 . 0 NP-020610 [get it](#) *remarks - general:*
NP-19 06/03/2003 1 . 1 . 0 [get it](#) *remarks - this release:* .

TR 29.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults
Rel-6 *current version:* none *WG (prime / other):* N1 / RP *rporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* Skov JORGENSEN, Per Johan
history (event, available, version, comments):
remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version.

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

TR 30.531 Work Plan and Study Items - RAN WG3
Rel-6 *current version:* 0.9.3 DRAFT *WG (prime / other):* R3 / - *rporteur:* KRAUSE, Joern SIEMENS AG
freeze_meeting: *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, comments):
draft 23/11/2001 0 . 9 . 3 Inherited from R99. [get it](#) *remarks - general:*
remarks - this release: Continues work started in R99 document.

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

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

TS 31.101	UICC-terminal interface; Physical and logical characteristics								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T3	/ SCP	<i>rapporteur:</i> VESTERGAARD, Peter	NOKIA UK Ltd				
	<i>freeze_meeting:</i> TP-17	G:	U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version, comments):</i>								
	TP-17 18/09/2002 6 . 0 . 0			get it	<i>remarks - general:</i> Contents is a reference to ETSI TR 102 221.				
	TP-18 02/01/2003 6 . 1 . 0			get it	<i>remarks - this release:</i> TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.				
<hr/>									
TS 31.102	Characteristics of the USIM Application								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> HEIM, Christian	GIESECKE & DEVRIENT GmbH				
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version, comments):</i>								
	TP-18 02/01/2003 6 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 31.103	Characteristics of the ISIM application								
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3	/	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-22	G: yes	U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version, comments):</i>								
	TP-18 02/01/2003 6 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 31.113	USAT interpreter byte codes								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T3	/	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version, comments):</i>								
	TP-16 19/06/2002 6 . 0 . 0			get it	<i>remarks - general:</i>				
	TP-17 25/09/2002 6 . 1 . 0			get it	<i>remarks - this release:</i> .				
<hr/>									
TS 31.114	USAT interpreter protocol and administration								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> T3	/	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH				
	<i>freeze_meeting:</i> SP-22	G:	U: yes	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version, comments):</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> TP-15: Enhancements to Rel-5 envisaged.				

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

TS 31.115	Secured packet structure for (U)SIM Toolkit applications					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie	GEMPLUS Card International		
	<i>freeze_meeting:</i> SP-22	<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-16 26/06/2002 2 . 0 . 0	get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin.		
	TP-16 19/06/2002 6 . 0 . 0	get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.		
	TP-17 23/09/2002 6 . 1 . 0	get it				
	TP-18 02/01/2003 6 . 2 . 0	get it				
<hr/>						
TS 31.116	Remote APDU Structure for (U)SIM Toolkit applications					
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie	GEMPLUS Card International		
	<i>freeze_meeting:</i> SP-22	<i>G:</i> yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-16 26/06/2002 2 . 0 . 0	get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin		
	TP-16 19/06/2002 6 . 0 . 0	get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.		
	TP-17 23/09/2002 6 . 1 . 0	get it				
	TP-18 02/01/2003 6 . 2 . 0	get it				
<hr/>						
TS 31.131	C-language binding for (U)SIM API					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> TON, Wim	ASPECTS Software Ltd		
	<i>freeze_meeting:</i> SP-22	<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-17 24/09/2002 2 . 0 . 0	get it	<i>remarks - general:</i>	Test spec is 34.131.		
	TP-17 27/09/2002 6 . 0 . 0	get it	<i>remarks - this release:</i>	.		

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

TS 32.140	Telecommunication management; Services operations management; Subscription management requirements					
Rel-6	<i>current version:</i> 1.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.		
	<i>freeze_meeting:</i> SP-16	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-15 19/03/2002 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-18 06/01/2003 1 . 1 . 1	get it	<i>remarks - this release:</i>	SP-15: moved from Rel-5.		

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

TS 32.141	Telecommunication management; Services operations management; Subscription management architecture					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> EDER, Michael		NOKIA Corporation
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i>						
<i>remarks - this release:</i> .						
<hr/>						
TS 32.150	Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> MUDGE, John		VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150.						
<i>remarks - this release:</i> .						
<hr/>						
TS 32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Requirements					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
	SP-17	16/09/2002	1 . 0 . 0	SP-020500	get it	<i>remarks - general:</i>
<i>remarks - this release:</i> .						
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TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Information services					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i>						
<i>remarks - this release:</i> .						
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TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); CORBA solution set					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version, comments):</i>						
<i>remarks - general:</i>						
<i>remarks - this release:</i> .						

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

TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	Motorola Inc.		
	<i>freeze_meeting:</i> SP-22	<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		get it	<i>remarks - general:</i>		
	SP-18 06/01/2003 2 . 0 . 0		get it	<i>remarks - this release:</i> .		
	SP-18 06/01/2003 6 . 0 . 0		get it			
<hr/>						
TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-22	<i>G:</i>	<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> .		
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TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-22	<i>G:</i>	<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> .		
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TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-22	<i>G:</i>	<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> .		
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TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	<i>G:</i>	<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> .		

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

TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	<i>G:</i> 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 32.682	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	<i>G:</i> 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 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	<i>G:</i> 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 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set					
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

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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	current version: 6.0.0 freeze_meeting: SP-22	WG (prime / other): S3 /	G: yes U: yes	rapporteur: WILHELM, Berthold MCC: POPE, Maurice	BUNDESMINISTERIUM FUR WIRTSCHAFT		
history (event, available, version, comments): SP-18 18/12/2002 6 . 0 . 0		get it	remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core network and law agency equipment" (Berthold.Wilhelm@RegTP.de).	remarks - this release: .			
<hr/>							
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security						
Rel-6	current version: 6.0.0 freeze_meeting: SP-22	WG (prime / other): S3 / -	G: yes U: yes	rapporteur: KOIEN, Geir MCC: POPE, Maurice	Telenor AS		
history (event, available, version, comments): SP-18 18/12/2002 6 . 0 . 0		get it	remarks - general: 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).	remarks - this release: .			
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TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security						
Rel-6	current version: 0.1.0 freeze_meeting: SP-22	DRAFT WG (prime / other): S3 / -	G: yes U: yes	rapporteur: LOPEZ SORIA, Luis MCC: POPE, Maurice	Telefon AB LM Ericsson		
history (event, available, version, comments): S3-25 23/10/2002 0 . 1 . 0		get it	remarks - general:	remarks - this release: .			
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TS 33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)						
Rel-6	current version: 0.0.1 freeze_meeting: SP-22	DRAFT WG (prime / other): S3 / -	G: yes U: yes	rapporteur: ESCOTT, Adrian MCC: POPE, Maurice	3		
history (event, available, version, comments): S3-25 23/10/2002 0 . 0 . 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 Rel-6 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-20								
				<i>G:</i>	<i>U:</i> yes		<i>MCC:</i>	POPE, Maurice	
<i>history (event, available, version, comments):</i>									
	draft			0 . 0 . 0					<i>remarks - general:</i> 2002-07-22: was formerly 33.910.
	draft			0 . 0 . 1					<i>remarks - this release:</i> SP-17: expect v2.0.0 at SP-18.
	SP-17			1 . 0 . 0	SP-020507 (wrongly labeled 33.910)				
edito post	SP-17	18/09/2002		1 . 0 . 1	corrects spec number on front cover				get it
	S3-25			1 . 1 . 0					
	SP-18	16/01/2003		2 . 0 . 0	SP-020723				get it
	SP-18	18/12/2002		6 . 0 . 0					get it

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	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.				Mobile-Mind Inc.
	<i>freeze_meeting:</i> TP-25			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus				
<i>history (event, available, version, comments):</i>									
	T3-13			0 . 1 . 0					<i>remarks - general:</i> Base spec is 31.131.
	TP-17	24/09/2002		0 . 1 . 1	TP-020223				<i>remarks - this release:</i> .
	TP-17	19/09/2002		1 . 0 . 0					get it

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

TS 41.104	GSM Release 6 specifications								
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			<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice				
<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 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-12 03/01/2003 6 . 0 . 0

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

TS 43.055 Dual Transfer Mode (DTM); Stage 2

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

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

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

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-12 17/12/2002 6 . 0 . 0
GP-13 21/02/2003 6 . 1 . 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 Rel-6 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-12 17/12/2002 6 . 0 . 0 [get it](#) *remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* . (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

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

TS 45.001 Physical layer on the radio path; General description
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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 45.008	Radio subsystem link control								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer	VODAFONE Group Plc				
	<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>				
	GP-13 21/02/2003 6 . 1 . 0			get it	<i>remarks - this release:</i> .				
<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		<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>				
					<i>remarks - this release:</i> .				
<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		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	GP-10 19/07/2002 6 . 0 . 0			get it	<i>remarks - general:</i> Renumbered from 41.811.				
					<i>remarks - this release:</i> Renumbered from 41.811.				
<hr/>									
TR 45.902	Flexible layer 1								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-22		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version, comments):</i>								
	draft	0 . 0 . 0			<i>remarks - general:</i>				
	GP-12 26/11/2002 0 . 3 . 0	GP-023427			<i>remarks - this release:</i> .				
	GP-13 13/02/2003 0 . 4 . 0	GP 030193		get it					
	GP-13 13/02/2003 1 . 0 . 0			get it					

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-22 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-12 17/12/2002 6 . 0 . 0
GP-13 21/02/2003 6 . 1 . 0

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-13 21/02/2003 6 . 0 . 0

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

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

TR 50.099 GERAN project plan and open issues

Rel-6 *current version:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* 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.

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

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

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

TS 51.021 GSM radio aspects base station system equipment specification

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

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

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

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

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

TS 55.205 Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-22 G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
S3-26 0 . 1 . 0 S3-020675 *remarks - general:* Not subject to export control.
SP-18 16/01/2003 1 . 0 . 0 SP-020724 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 6 . 0 . 0 [get it](#)

G = required in systems with GERAN access; 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> 6.1.0 <i>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A						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-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>					
	SP-17 18/09/2002 6 . 0 . 0		get it	<i>remarks - this release:</i> .					
	SP-18 18/12/2002 6 . 1 . 0		get it						

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>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A						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-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>					
	SP-17 18/09/2002 6 . 0 . 0		get it	<i>remarks - this release:</i> .					
	SP-18 18/12/2002 6 . 1 . 0		get it						

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>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A						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-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>					
	SP-17 18/09/2002 6 . 0 . 0		get it	<i>remarks - this release:</i> .					
	SP-18 18/12/2002 6 . 1 . 0		get it						

TR 55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report								
Rel-6	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> SP-20	<i>WG (prime / other):</i> S3 /	<i>rporteur:</i> N, A						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-17 22/07/2002 1 . 0 . 0	SP-020506 pars for approval	get it	<i>remarks - general:</i>					
	SP-17 18/09/2002 6 . 0 . 0		get it	<i>remarks - this release:</i> .					
	SP-18 18/12/2002 6 . 1 . 0		get it						

G = required in systems with GERAN access; 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

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	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-16		<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>					
	SP-12	0 . 0 . 0				
	SP-12 05/07/2001	0 . 1 . 0				<i>remarks - general:</i>
	SP-13 01/10/2001	1 . 0 . 0				<i>remarks - this release:</i> .
	SP-15 19/03/2002	1 . 1 . 0				get it
	SP-15 19/03/2002	1 . 2 . 0				get it
	SP-16	2 . 0 . 0				get it
	SP-16	2 . 1 . 0				
	SP-16	2 . 2 . 0				
	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
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				<i>remarks - general:</i>
	TP-17 18/09/2002	5 . 1 . 0				<i>remarks - this release:</i> .
						get it
						get it
TR 21.801	Specification drafting rules					
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				<i>remarks - general:</i>
	edito 19/07/2002	5 . 0 . 1				<i>remarks - this release:</i> .
						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 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	<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> SP-16		<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version, comments):</i>								
	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> .				
	draft	17/09/2002	0 . 5 . 0	get it					
	draft	16/12/2002	0 . 6 . 0	get it					
	draft	24/02/2003	0 . 7 . 0	get it					
<hr/>									
TR 21.900	Technical Specification Group working methods								
Rel-5	<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								
<hr/>									
TR 21.905	Vocabulary for 3GPP Specifications								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele					T-Mobile (UK) Ltd
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, comments):</i>								
	SP-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					

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

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

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

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5 <i>remarks - this release:</i> .		
<hr/>						
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited
	<i>history (event, available, version, comments):</i> SP-16 04/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
<hr/>						
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation
	<i>history (event, available, version, comments):</i> SP-14 10/01/2002 5 . 0 . 0 SP-15 25/03/2002 5 . 1 . 0 SP-16 04/07/2002 5 . 2 . 0		get it get it get it	<i>remarks - general:</i> Transfer>TSG#5 <i>remarks - this release:</i> .		
<hr/>						
TS 22.004	General on supplementary services					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> GALLAIRE, Jean Paul <i>MCC:</i> CLAYTON, Michael		France Telecom
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0 SP-17 17/09/2002 5 . 1 . 0		get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		

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TS 22.016	International Mobile Equipment Identities (IMEI)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation
	<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>freeze_meeting:</i> SP-17	<i>WG (prime / other):</i> S3 / - G: yes U: yes		<i>rapporteur:</i> NGUYEN NGOC, Sebastien <i>MCC:</i> POPE, Maurice		France Telecom
	<i>history (event, available, version, comments):</i> SP-17 18/09/2002 5 . 0 . 0 identical to 4.1.0.		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
<hr/>						
TS 22.024	Description of Charge Advice Information (CAI)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael		NORTEL NETWORKS (EUROPE)
	<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> .		
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TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> TOIVANEN, Annukka <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation
	<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 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / G: yes U: yes		<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 5 . 0 . 0 Technically identical to 43.031 v5.0.0.		get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 <i>remarks - this release:</i> Created from 42.031 Rel-5. -> 22.031.		

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TS 22.032	Immediate Service Termination (IST); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>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	
		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> .			
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TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
		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 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited	
		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> SP-09 18/10/2000 5 . 0 . 0 SP-10 08/01/2001 5 . 1 . 0 SP-12 27/06/2001 5 . 2 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
		get it	<i>remarks - this release:</i> .			
		get it				
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TS 22.041	Operator Determined Call Barring					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen		VODAFONE Group Plc	
		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 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael		ERICSSON MOBILE COMMUNICATIONS AB	
		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U: yes	<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino		NORTEL NETWORKS (EUROPE)
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. <i>remarks - this release:</i> .		
<hr/>					
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1				
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S1 / - G: yes U: yes	<i>rapporteur:</i> CATALDO, Mark <i>MCC:</i> CLAYTON, Michael		Openwave Systems (N.I.) Ltd
	<i>history (event, available, version, comments):</i> SP-09 18/10/2000 5 . 0 . 0 SP-11 02/04/2001 5 . 1 . 0 SP-13 05/10/2001 5 . 2 . 0 SP-15 25/03/2002 5 . 3 . 0 edito post SP-15 04/04/2002 5 . 3 . 1 SP-16 04/07/2002 5 . 4 . 0	get it get it get it get it get it get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution <i>remarks - this release:</i> Environment (MExE); Stage 1".		
<hr/>					
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1				
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S1 / - G: yes U: yes	<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited
	<i>history (event, available, version, comments):</i> SP-13 05/10/2001 5 . 0 . 0 SP-15 25/03/2002 5 . 1 . 0 SP-16 04/07/2002 5 . 2 . 0	get it get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
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TS 22.066	Support of Mobile Number Portability (MNP); Stage 1				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		

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

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TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.9.1 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> GRECH, Michel <i>MCC:</i> CLAYTON, Michael		Lucent Technologies Network Systems UK
<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			
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd
<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> AHNBERG, Tomas <i>MCC:</i> CLAYTON, Michael		Indicate persons who left Company and wait for new One
<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 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> EVEN, Anne <i>MCC:</i> CLAYTON, Michael		France Telecom
<i>history (event, available, version, comments):</i>						
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		

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TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
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TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.087	User-to-user signalling (UUS); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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TS 22.088	Call Barring (CB) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
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TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael	NOKIA Corporation	
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .		
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TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd	
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd	
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> CLAYTON, Michael	Deutsche Telekom AG	
	<i>history (event, available, version, comments):</i> SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5 <i>remarks - this release:</i> .		

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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> .			
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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> 5.8.0	<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				
<hr/>						
TS 22.105	Services and service capabilities					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, 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				

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 22.112	USIM toolkit interpreter; Stage 1					
Rel-5	current version: 5.0.0 freeze_meeting: TP-15	WG (prime / other): T3 / -	rapporteur: MEYER, Michael	GIESECKE & DEVRIENT GmbH		
	history (event, available, version, comments): TP-13 12/10/2001 5 . 0 . 0	G: U: yes	MCC: DIETZE, Claus			
		get it	remarks - general:			
			remarks - this release: .			
<hr/>						
TS 22.115	Service Aspects Charging and billing					
Rel-5	current version: 5.2.0 freeze_meeting: SP-15	WG (prime / other): S1 / -	rapporteur: MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.		
	history (event, available, version, comments): SP-11 02/04/2001 5 . 0 . 0 SP-12 27/06/2001 5 . 1 . 0 SP-15 28/03/2002 5 . 2 . 0	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general:			
		get it	remarks - this release:			
		get it				
<hr/>						
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-5	current version: 5.3.1 freeze_meeting: SP-15	WG (prime / other): S1 / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	history (event, available, version, comments): SP-11 02/04/2001 5 . 0 . 0 SP-12 27/06/2001 5 . 1 . 0 SP-14 10/01/2002 5 . 2 . 0 SP-15 28/03/2002 5 . 3 . 0 SP-16 19/07/2002 5 . 3 . 1 Converted from TS to TR.	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general:	Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage		
		get it	remarks - this release:	1". SP-16: converted from TS to TR.		
		get it				
		get it				
		get it				
<hr/>						
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1					
Rel-5	current version: 5.5.0 freeze_meeting: SP-15	WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg	SIEMENS AG		
	history (event, available, version, comments): SP-12 27/06/2001 5 . 0 . 0 SP-13 05/10/2001 5 . 1 . 0 edito 09/10/2001 5 . 1 . 1 SP-14 10/01/2002 5 . 2 . 0 SP-15 29/03/2002 5 . 3 . 0 SP-16 04/07/2002 5 . 4 . 0 SP-18 18/12/2002 5 . 5 . 0	G: U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general:			
		get it	remarks - this release: .			
		get it				
		get it				
		get it				
		get it				
		get it				
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ACTIVE specs Rel-5 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems					
Rel-5	current version: 5.2.0 freeze_meeting: SP-15	WG (prime / other): S1 / - G: yes U: yes	rapporteur: SAMPSON, Nick MCC: CLAYTON, Michael		ORANGE PCS LTD	
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				
<hr/>						
TS 22.135	Multicall; Service description; Stage 1					
Rel-5	current version: 5.0.0 freeze_meeting: SP-16	WG (prime / other): S1 / - G: U: yes	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation	
history (event, available, version, comments):						
	SP-16 19/07/2002 5 . 0 . 0	get it	remarks - general:			
			remarks - this release: .			
<hr/>						
TS 22.140	Multimedia Messaging Service (MMS); Stage 1					
Rel-5	current version: 5.4.0 freeze_meeting: SP-15	WG (prime / other): S1 / - G: U: yes	rapporteur: LAUMEN, Josef MCC: CLAYTON, Michael		SIEMENS AG	
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				
<hr/>						
TS 22.226	Global text telephony (GTT); Stage 1: Service description					
Rel-5	current version: 5.2.0 freeze_meeting: SP-15	WG (prime / other): S1 / - G: yes U: yes	rapporteur: HELLSTROM, Gunnar MCC: CLAYTON, Michael		Omnitor AB	
history (event, available, version, comments):						
	SP-09 27/11/2000 1 . 0 . 0	get it	remarks - general: SP-16: to "GERAN" set.			
	SP-12 27/06/2001 2 . 0 . 0 SP-010266	get it	remarks - this release: WI approved TSG#7			
	SP-12 27/06/2001 5 . 0 . 0	get it				
	SP-13 05/10/2001 5 . 1 . 0	get it				
	SP-15 28/03/2002 5 . 2 . 0	get it				

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

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

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

history (event, available, version, comments):

SP-09	28/09/2000	1	.	0	.	0
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](#)

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[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-15	19/03/2002	2	.	0	.	0
SP-15	27/03/2002	5	.	0	.	0

remarks - general:

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

TR 22.928 IP-based multimedia services examples

Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

remarks - general:

remarks - this release: .

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

TR 22.941	IP based multimedia framework; Stage 0								
Rel-5	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.				
	<i>freeze_meeting:</i> SP-15		<i>G:</i>	<i>MCC:</i> CLAYTON, Michael					
			<i>U:</i> yes						
	<i>history (event, available, version, comments):</i>								
	draft	05/07/2001	0 . 1 . 0			get it	<i>remarks - general:</i>		
	SP-12	05/07/2001	0 . 2 . 4	S1-010359, SP-010359 - not seen by SA1.		get it	<i>remarks - this release:</i> TP-16: likely to drop out of Rel-5 if no progress soon. SP-18: annex C presented at "evolution" workshop (EV-020021).		
	draft	15/10/2001	0 . 4 . 1			get it			
	SP-14	02/01/2002	0 . 7 . 0	NP-010701 (!)		get it			

TR 22.944	Service requirements for UE functionality split								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GUPTA, Sanjay	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-15		<i>G:</i>	<i>MCC:</i> CLAYTON, Michael					
			<i>U:</i> yes						
	<i>history (event, available, version, comments):</i>								
	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			

TR 22.976	Study on PS domain services and capabilities								
Rel-5	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	<i>freeze_meeting:</i> SP-15		<i>G:</i>	<i>MCC:</i> CLAYTON, Michael					
			<i>U:</i> yes						
	<i>history (event, available, version, comments):</i>								
	SP-08	28/06/2000	2 . 0 . 0	transferred from Rel-4		get it	<i>remarks - general:</i> Created Jan-00		
							<i>remarks - this release:</i> 2001-12-04: Rel4->Rel-5 (Clayton).		

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

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

TS 23.002	Network architecture					
Rel-5	<i>current version:</i> 5.9.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
	SP-10 21/12/2000 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 06/04/2001 5 . 2 . 0	get it				
	SP-12 12/07/2001 5 . 3 . 0	get it				
	SP-13 12/10/2001 5 . 4 . 0	get it				
	SP-14 07/01/2002 5 . 5 . 0	get it				
	SP-15 02/04/2002 5 . 6 . 0	get it				
	SP-16 17/06/2002 5 . 7 . 0	get it				
	SP-17 24/09/2002 5 . 8 . 0	get it				
	SP-18 10/01/2003 5 . 9 . 0	get it				
<hr/>						
TS 23.003	Numbering, Addressing and Identification					
Rel-5	<i>current version:</i> 5.5.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-12 27/06/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-13 03/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-14 11/01/2002 5 . 2 . 0	get it				
	NP-16 21/06/2002 5 . 3 . 0	get it				
	NP-17 17/09/2002 5 . 4 . 0	get it				
	NP-18 07/01/2003 5 . 5 . 0	get it				
	post NP-18 fix 10/01/2003 5 . 5 . 1	get it				
	corrupted figures					
	pp24 ff					
<hr/>						
TS 23.007	Restoration procedures					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

TS 23.008	Organisation of subscriber data				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-17 17/09/2002 5 . 2 . 0	get it			
	NP-18 07/01/2003 5 . 3 . 0	get it			
<hr/>					
TS 23.009	Handover procedures				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-14 08/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-16 20/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-17 17/09/2002 5 . 2 . 0	get it			
	NP-18 02/01/2003 5 . 3 . 0	get it			
<hr/>					
TS 23.011	Technical realization of Supplementary Services				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 23.012	Location management procedures				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

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

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-16 26/06/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0

[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

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

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-16 24/06/2002 5 . 0 . 0

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

TS 23.016 Subscriber data management; Stage 2

Rel-5 *current version:* 5.2.0
freeze_meeting: NP-15

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

history (event, available, version, comments):

NP-15 28/03/2002 5 . 0 . 0
NP-16 21/06/2002 5 . 1 . 0
NP-17 17/09/2002 5 . 2 . 0

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

TS 23.018 Basic Call Handling; Technical realization

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

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-12 27/06/2001 5 . 0 . 0
NP-13 03/10/2001 5 . 1 . 0
NP-14 16/01/2002 5 . 2 . 0
NP-15 28/03/2002 5 . 3 . 0
NP-17 17/09/2002 5 . 4 . 0
NP-18 07/01/2003 5 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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ACTIVE specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
		<i>G: yes U: yes</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 5 . 0 . 0	Technically identical to 43.031 v5.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 <i>remarks - this release:</i> Created from 43.031 Rel-5. -> 23.031.					
<hr/>									
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2								
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, Inmaculada	NOKIA Corporation					
		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i> NP-16 26/06/2002 5 . 0 . 0 NP-18 18/12/2002 5 . 1 . 0		get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i> .					
<hr/>									
TS 23.035	Immediate Service Termination (IST); Stage 2								
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
		<i>G: yes U: yes</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-16 24/06/2002 5 . 0 . 0 SP-17 18/09/2002 5 . 1 . 0		get it	<i>remarks - general:</i> SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). <i>remarks - this release:</i> .					
			get it						
<hr/>									
TS 23.038	Alphabets and language-specific information								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited					
		<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version, comments):</i> TP-15 21/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .					
<hr/>									
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited					
		<i>G: yes U: yes</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version, comments):</i> TP-16 02/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .					
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ACTIVE specs Rel-5 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.5.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

NP-12	05/07/2001	5	.	0	.	0	get it <i>remarks - general:</i>
TP-13	03/10/2001	5	.	1	.	0	get it <i>remarks - this release:</i> .
TP-14	11/01/2002	5	.	2	.	0	get it
TP-15	26/03/2002	5	.	3	.	0	get it
TP-16	05/07/2002	5	.	4	.	0	get it
TP-17	18/09/2002	5	.	5	.	0	get it
post TP-17: adds	24/09/2002	5	.	5	.	1	get it

test vector file

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-16 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-16	26/06/2002	5	.	0	.	0	get it <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
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TS 23.042 Compression algorithm for SMS

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-16	26/06/2002	5	.	0	.	0	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 23.048 Security Mechanisms for the (U)SIM application toolkit; Stage 2

Rel-5 *current version:* 5.5.0 *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

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

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ACTIVE specs Rel-5 23 .- series
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TS 23.053	Tandem Free Operation (TFO); Service description; Stage 2						
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / S2 G: yes U: yes		<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i> No draft. <i>remarks - this release:</i> .			
<hr/>							
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2						
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T2 / - G: yes U: yes		<i>rapporteur:</i> BRENK, Lars <i>MCC:</i> RODERMUND, Friedhelm		TTPCom Ltd	
	<i>history (event, available, version, comments):</i> TP-15 25/03/2002 5 . 0 . 0 TP-17 18/09/2002 5 . 1 . 0	get it get it		<i>remarks - general:</i> Apr-2001: " Station Application" removed from title. <i>remarks - this release:</i> .			
<hr/>							
TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2						
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S2 / - G: yes U: yes		<i>rapporteur:</i> ZHAO, Yilin <i>MCC:</i> YOON, Sang-Ui		MOTOROLA Ltd	
	<i>history (event, available, version, comments):</i> SP-14 08/01/2002 5 . 0 . 0 SP-15 05/04/2002 5 . 1 . 0 SP-16 17/06/2002 5 . 2 . 0 SP-17 02/10/2002 5 . 3 . 0 SP-18 10/01/2003 5 . 4 . 0	get it get it get it get it get it		<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .			Seems that approved CR418 was not implemented.
<hr/>							
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2						
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - G: yes U: yes		<i>rapporteur:</i> LOPEZ SORIA, Luis <i>MCC:</i> KYMALAINEN, Kimmo		Telefon AB LM Ericsson	
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5 <i>remarks - this release:</i> .			
<hr/>							
TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2						
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - G: yes U: yes		<i>rapporteur:</i> SCHMITT, Peter <i>MCC:</i> KYMALAINEN, Kimmo		SIEMENS AG	
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0	get it		<i>remarks - general:</i> . <i>remarks - this release:</i> .			

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

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

TS 23.072	Call Deflection Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-16 17/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> Phase 4.			
	NP-18 18/12/2002 5 . 2 . 0	get it				
<hr/>						
TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	Chalmers			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

G = required in systems with GERAN 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 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-12 27/06/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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ACTIVE specs Rel-5 23 .- series
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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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. 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
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TS 23.096	Name Identification 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 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc	
	<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,CR at TSG#5	
			<i>remarks - this release:</i>	.	
<hr/>					
TS 23.107	Quality of Service (QoS) concept and architecture				
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-11 11/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>	was 23.907	
	SP-12 29/06/2001 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 07/04/2002 5 . 4 . 0	get it			
	SP-16 17/06/2002 5 . 5 . 0	get it			
	SP-17 24/09/2002 5 . 6 . 0	get it			
	SP-18 10/01/2003 5 . 7 . 0	get it			
<hr/>					
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	NP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	This is clause 7 from 04.08 ex R98.	
			<i>remarks - this release:</i>	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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TS 23.116	Super-Charger technical realization; Stage 2					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas	Indicate persons who left Company and wait for new One		
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
		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>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.		
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode					
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0 NP-17 17/09/2002 5 . 1 . 0 NP-18 18/12/2002 5 . 2 . 0	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> .			
		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>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD, Christophe	ERICSSON RESEARCH CANADA		
	<i>history (event, available, version, comments):</i> SP-14 07/01/2002 5 . 0 . 0 SP-15 05/04/2002 5 . 1 . 0 SP-16 17/06/2002 5 . 2 . 0	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
		get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.			
		get it	<i>remarks - this release:</i> .			
		get it				
<hr/>						
TS 23.135	Multicall supplementary service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>history (event, available, version, comments):</i> NP-16 24/06/2002 5 . 0 . 0	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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

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

Rel-5 *current version:* 5.5.0 *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:*
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 [get it](#)

Schema delivered 2002-07-07 (uploaded
-19) to
http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1-0.

TP-17 30/09/2002 5 . 4 . 0 [get it](#) Schema v1.1 uploaded 2002-11-14.
TP-18 20/12/2002 5 . 5 . 0 [get it](#) Schema v1.2 (REL-5-MM7-1-2.xsd)
uploaded 2003-01-08 and version without
file extension 2003-01-14.

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.
freeze_meeting: NP-15 G: U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.3.0 *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](#) *remarks - general:* New after TSG#5
NP-16 21/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-17 18/09/2002 5 . 2 . 0 [get it](#)
NP-18 09/01/2003 5 . 3 . 0 [get it](#)

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 23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	WIJK, Rune Werner	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-16	<i>G:</i>	U: yes	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version, comments):</i>								
	draft	18/04/2002	1 . 0 . 0				get it	<i>remarks - general:</i>	
	NP-16	25/06/2002	2 . 0 . 0	NP-020168			get it	<i>remarks - this release:</i>	.
	NP-16	28/06/2002	5 . 0 . 0				get it		
	NP-18	09/01/2003	5 . 1 . 0				get it		
<hr/>									
TS 23.205	Bearer-independent circuit-switched core network; Stage 2								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	HODGES, Phil	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-14	10/01/2002	5 . 0 . 0				get it	<i>remarks - general:</i>	2000-10: Rap change from Keutmann.
	NP-15	28/03/2002	5 . 1 . 0				get it	<i>remarks - this release:</i>	.
	NP-16	21/06/2002	5 . 2 . 0				get it		
	NP-17	18/09/2002	5 . 3 . 0				get it		
	NP-18	07/01/2003	5 . 4 . 0				get it		
<hr/>									
TS 23.207	End-to-end Quality of Service (QoS) concept and architecture								
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	OYAMA, Johnson	Nippon Ericsson K.K.			
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	yes U: yes	<i>MCC:</i>	YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-12		2 . 0 . 0	SP-010337				<i>remarks - general:</i>	
	SP-12	02/07/2001	5 . 0 . 0				get it	<i>remarks - this release:</i>	.
	SP-13	15/10/2001	5 . 1 . 0				get it		
	SP-14	07/01/2002	5 . 2 . 0				get it		
	SP-15	05/04/2002	5 . 3 . 0				get it		
	SP-16	18/06/2002	5 . 4 . 0				get it		
	SP-17	24/09/2002	5 . 5 . 0				get it		
	SP-18	10/01/2003	5 . 6 . 0				get it		

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:* 5.3.0 *freeze_meeting:* NP-15
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	NP-010640	get it	
draft	22/01/2002	1	1	0		get it	
draft	06/02/2002	1	2	0		get it	
draft	26/02/2002	2	0	0		get it	
NP-15	19/03/2002	2	0	1	NP-020047	get it	
NP-15	19/03/2002	5	0	0		get it	
NP-16	25/06/2002	5	1	0		get it	
NP-17	17/09/2002	5	2	0		get it	
NP-18	18/12/2002	5	3	0		get it	

WG (prime / other): N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
G: yes U: yes *MCC:* JORGENSEN, Per Johan

TS 23.221 Architectural requirements

Rel-5 *current version:* 5.7.0 *freeze_meeting:* SP-15
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	

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
G: yes U: yes *MCC:* YOON, Sang-Ui

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:* 5.7.0 *WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft	30/11/2000	1	.	0	.	0		get it	<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	

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

TS 23.236	Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TERRILL, Stephen	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-12 12/07/2001	1 . 0 . 0	SP-010338	get it	<i>remarks - general:</i>	
	draft 16/08/2001	1 . 1 . 0		get it	<i>remarks - this release:</i>	.
	SP-13 01/10/2001	2 . 0 . 0	SP-010507	get it		
	SP-13	2 . 1 . 0	not made available			
	SP-13 15/10/2001	5 . 0 . 0		get it		
	SP-14 07/01/2002	5 . 1 . 0		get it		
	SP-15 05/04/2002	5 . 2 . 0		get it		

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

TS 23.271	Location Services (LCS); Functional description; Stage 2					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-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		

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

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

history (event, available, version, comments):

NP-14	02/01/2002	1	0	0	NP-010586	get it	<i>remarks - general:</i> 2001-10-26: renumbered from 23.178.
NP-15	19/03/2002	1	1	0	NP-020059	get it	<i>remarks - this release:</i> Was briefly 23.178. CAMEL Phase 4.
NP-16	26/06/2002	2	0	0	NP-020207 - not approved	get it	
NP-17	24/09/2002	2	1	0	NP-020348	get it	
NP-17	17/09/2002	5	0	0		get it	
NP-18	10/01/2003	5	1	0		get it	

TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

draft		0	0	0	2001-08		<i>remarks - general:</i> Was 23.915.
S2-19		0	1	0	2001-10		<i>remarks - this release:</i> 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).
S2-20	20/11/2001	0	2	0		get it	
S2-21	04/12/2001	0	3	0		get it	
SP-14	11/01/2002	1	0	0	SP-010718	get it	
SP-15	19/03/2002	2	0	0	SP-020144	get it	
SP-15	05/04/2002	5	0	0		get it	

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

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

[get it](#)

[get it](#)

remarks - general: SP-13: changed number from 23.974.

remarks - this release: .

TR 23.910 Circuit switched data bearer services

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-14 11/01/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0
NP-18 06/01/2003 5 . 2 . 0

[get it](#)

[get it](#)

[get it](#)

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

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

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

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

TS 24.007	Mobile radio interface signalling layer 3; General Aspects								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd				
	<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	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5			
	NP-17	17/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>				

TS 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3								
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd				
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version, comments):</i>								
	NP-12	13/07/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be			
	NP-13	05/10/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>	. resolved till Jun00.			
	NP-14	10/01/2002	5 . 2 . 0	get it					
	NP-15	21/03/2002	5 . 3 . 0	get it					
	NP-16	24/06/2002	5 . 4 . 0	get it					
	NP-17	17/09/2002	5 . 5 . 0	get it					
	NP-18	18/12/2002	5 . 6 . 0	get it					

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

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

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

TS 24.072	Call Deflection Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-17 18/09/2002 5 . 2 . 0	get it				
	NP-18 07/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 24 .- series
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TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 24.085	Closed User Group (CUG) 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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 24.086	Advice of Charge (AoC) 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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 24.087	User-to-User Signalling (UUS); 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	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 24.088	Call Barring (CB) 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	<i>G: yes U: yes</i>	<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 access; U = required in systems with UMTS access.

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

TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> BRUSS, Jörg <i>MCC:</i> KYMALAINEN, Kimmo		ERICSSON Eurolab Deutschland GmbH	
	<i>history (event, available, version, comments):</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	<i>history (event, available, version, comments):</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	<i>history (event, available, version, comments):</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.096	Name Identification Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - <i>G: yes U: yes</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	<i>history (event, available, version, comments):</i> NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 24.135	Multicall supplementary service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - <i>G: U: yes</i>	<i>rapporteur:</i> MITAMURA, Kazuo <i>MCC:</i> KYMALAINEN, Kimmo		NTT COMWARE Corporation	
	<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 access; U = required in systems with UMTS access.

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

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian NOKIA Corporation
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-10	05/01/2001	0	.	1	.	0	N1-001114->1378 (NP-000683)	get it	<i>remarks - general:</i>
draft	26/03/2001	0	.	4	.	0		get it	<i>remarks - this release:</i>
draft	18/04/2001	0	.	5	.	0		get it	
draft		1	.	0	.	0	N1-17		
NP-12	26/06/2001	1	.	0	.	0	NP-010278	get it	
draft	26/06/2001	1	.	1	.	0	N1-010944	get it	
draft	01/08/2001	1	.	2	.	0	N1-011230	get it	
draft	11/09/2001	1	.	3	.	0	N1-011363	get it	
draft	14/09/2001	1	.	4	.	0	N1-011364	get it	
draft	05/10/2001	1	.	5	.	0	N1-011496	get it	
draft	24/10/2001	1	.	6	.	0	N1-011706	get it	
draft	19/11/2001	1	.	7	.	0		get it	
NP-14	04/12/2001	1	.	8	.	0	NP-010641	get it	
draft	22/01/2002	1	.	9	.	0		get it	
draft	06/02/2002	1	.	10	.	0		get it	
draft	26/02/2002	2	.	0	.	0		get it	
draft	26/02/2002	2	.	0	.	1		get it	
NP-15	19/03/2002	2	.	0	.	2	NP-020048	get it	
NP-15	19/03/2002	5	.	0	.	0	not yet frozen	get it	
NP-16	16/07/2002	5	.	1	.	0	Enormous CRs to create this version; take several man.weeks to accomplish	get it	
NP-17	17/09/2002	5	.	2	.	0		get it	
NP-18	10/01/2003	5	.	3	.	0		get it	

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

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

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-10		0	.	0	.	6			
NP-10	05/01/2001	0	.	0	.	7	N1-001115->1379 (NP-000684)	get it	
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	

remarks - general: NP-14: confirmed that this is appropriate for GSM as well as UMTS.
remarks - this release:

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.

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

TS 25.101 UE Radio transmission and reception (FDD)

Rel-5 *current version:* 5.5.0 *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

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

Rel-5 *current version:* 5.3.0 *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

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

Rel-5 *current version:* 5.5.0 *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

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: 5.3.0	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			get it	remarks - general:	
	RP-16 01/07/2002			get it	remarks - this release: .	
	RP-17 02/10/2002			get it		
	RP-18 10/01/2003			get it		
<hr/>						
TS 25.106	UTRA Repeater; Radio transmission and reception					
Rel-5	current version: 5.3.0	WG (prime / other):	R4 / -	rapporteur:	NILSSON, Martin	Indicate persons who left Company and wait for new One
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version, comments):					
	RP-15 29/03/2002			get it	remarks - general:	
	RP-16 01/07/2002			get it	remarks - this release: .	
	RP-17 02/10/2002			get it		
	RP-18 10/01/2003			get it		
<hr/>						
TS 25.113	Base station and repeater electromagnetic compatibility (EMC)					
Rel-5	current version: 5.3.0	WG (prime / other):	R4 / -	rapporteur:	BARNES, David	DTI - Department of Trade and Industry
	freeze_meeting: RP-15	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version, comments):					
	RP-15 02/04/2002			get it	remarks - general:	
	edito 19/04/2002			get it	remarks - this release: .	
	RP-16 01/07/2002			get it		
	RP-17 02/10/2002			get it		
	RP-18 10/01/2003			get it		
<hr/>						
TS 25.123	Requirements for support of radio resource management (TDD)					
Rel-5	current version: 5.3.0	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			get it	remarks - general:	
	RP-16 03/07/2002			get it	remarks - this release: .	
	RP-17 10/10/2002			get it		
	RP-18 10/01/2003			get it		

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

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

TS 25.133	Requirements for support of radio resource management (FDD)								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	R4	/ -	<i>rapporteur:</i>	GUERRINI, Claudio	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>								
	RP-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	
<hr/>									
TS 25.141	Base station conformance testing (FDD)								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i>	R4	/ -	<i>rapporteur:</i>	NAKAMURA, Takaharu	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>								
	RP-13	03/10/2001	5	.	0	.	0	get it	<i>remarks - general:</i>
	RP-14	16/01/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .
	RP-15	02/04/2002	5	.	2	.	0	get it	
	RP-16	04/07/2002	5	.	3	.	0	get it	
	edito post RP-16	19/07/2002	5	.	3	.	1	get it	eliminate duplicate clause numbers
	RP-17	04/10/2002	5	.	4	.	0	get it	
	RP-18	10/01/2003	5	.	5	.	0	get it	
<hr/>									
TS 25.142	Base station conformance testing (TDD)								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	R4	/ -	<i>rapporteur:</i>	MEYER, Juergen	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>		<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>								
	RP-15	29/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>
	RP-16	04/07/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .
	RP-17	04/10/2002	5	.	2	.	0	get it	
	RP-18	10/01/2003	5	.	3	.	0	get it	

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

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

TS 25.143	UTRA repeater; Conformance testing						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur	Kommunikation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>						
	RP-15 19/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	Created by renumbering 25.107		
	RP-16 03/07/2002 5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-17 02/10/2002 5 . 2 . 0		get it				
	RP-18 10/01/2003 5 . 3 . 0		get it				
<hr/>							
TS 25.201	Physical layer - general description						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-17 27/09/2002 5 . 2 . 0		get it				
<hr/>							
TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-17 27/09/2002 5 . 2 . 0		get it				
	RP-18 07/01/2003 5 . 3 . 0		get it				
<hr/>							
TS 25.212	Multiplexing and channel coding (FDD)						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>						
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-17 27/09/2002 5 . 2 . 0		get it				
	RP-18 07/01/2003 5 . 3 . 0		get it				

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

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TS 25.213	Spreading and modulation (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>					
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002 5 . 2 . 0		get it			
<hr/>						
TS 25.214	Physical layer procedures (FDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>					
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002 5 . 2 . 0		get it			
	RP-18 07/01/2003 5 . 3 . 0		get it			
<hr/>						
TS 25.215	Physical layer; Measurements (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>					
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-17 27/09/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-18 07/01/2003 5 . 2 . 0		get it			
<hr/>						
TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,Ltd.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>					
	RP-15 29/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002 5 . 2 . 0		get it			
	RP-18 07/01/2003 5 . 3 . 0		get it			

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

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TS 25.222	Multiplexing and channel coding (TDD)						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co. Ltd			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>						
	RP-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 22/10/2002 5 . 2 . 1		get it				
	clause numbers						
	RP-18 07/01/2003 5 . 3 . 0		get it				
<hr/>							
TS 25.223	Spreading and modulation (TDD)						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>						
	RP-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				
<hr/>							
TS 25.224	Physical layer procedures (TDD)						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>						
	RP-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 22/10/2002 5 . 2 . 1		get it				
	clause numbers						
	RP-18 07/01/2003 5 . 3 . 0		get it				
<hr/>							
TS 25.225	Physical layer; Measurements (TDD)						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa			
	<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 27/09/2002 5 . 2 . 0		get it				
	RP-18 07/01/2003 5 . 3 . 0		get it				

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

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TS 25.301	Radio Interface Protocol Architecture					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> 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-16 17/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 18/09/2002 5 . 2 . 0		get it			
<hr/>						
TS 25.302	Services provided by the physical layer					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	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			
<hr/>						
TS 25.303	Interlayer procedures in Connected Mode					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> 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-16 17/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	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			

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

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TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-11	27/03/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	Created from 25.923
	RP-12	19/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>	
	RP-13	02/10/2001	5 . 2 . 0	get it		
	RP-14	04/01/2002	5 . 3 . 0	get it		
	RP-15	19/03/2002	5 . 4 . 0	get it		

TS 25.306	UE Radio Access capabilities definition					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders	Ericsson Incorporated		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15	19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Converted from TR 25.926 at TSG#10.
	RP-16	17/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
	RP-17	18/09/2002	5 . 2 . 0	get it		
	RP-18	08/01/2003	5 . 3 . 0	get it		

TS 25.307	Requirements on UEs supporting a release-independent frequency band					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15	19/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,
					<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. R4 = RF & RMM

requirements.

TS 25.308	UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-13	01/10/2001	0 . 1 . 0	RP-010643 for approval	get it	<i>remarks - general:</i> TS created from entrails of TR 25.855.
	RP-13	02/10/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> .
	RP-14	04/01/2002	5 . 1 . 0		get it	
	RP-15	21/03/2002	5 . 2 . 0		get it	
	RP-18	14/01/2003	5 . 3 . 0		get it	

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

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TS 25.321	Medium Access Control (MAC) protocol specification					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> NEMETHOVA, Olivia	SIEMENS AG		
	<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-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
	RP-18 08/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 25.322	Radio Link Control (RLC) protocol specification					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MADELAINE, Sebastien	PHILIPS CONSUMER COMMUNICATION		
	<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-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 19/09/2002 5 . 2 . 0	get it				
	RP-18 10/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 25.323	Packet Data Convergence Protocol (PDCP) specification					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HANS, Martin	SIEMENS AG		
	<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-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
<hr/>						
TS 25.324	Broadcast/Multicast Control (BMC)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HARTL, Mike	Vodafone D2 GmbH		
	<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-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-18 13/01/2003 5 . 2 . 0	get it				

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

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TS 25.331	Radio Resource Control (RRC) protocol specification					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-15 04/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 01/10/2002 5 . 2 . 0	get it				
	RP-18 03/02/2003 5 . 3 . 0	get it				

TS 25.401	UTRAN overall description					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-12 06/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-13 12/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-15 02/04/2002 5 . 2 . 0	get it				
	RP-16 28/06/2002 5 . 3 . 0	get it				
	RP-17 30/09/2002 5 . 4 . 0	get it				
	RP-18 03/01/2003 5 . 5 . 0	get it				

TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<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> New			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc		
	<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> Approval at TSG#5			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				

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

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TS 25.411	UTRAN Iu interface layer 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<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>		
	RP-15 25/03/2002 5 . 0 . 0		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 25.411	UTRAN Iu interface layer 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<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>		
	RP-15 25/03/2002 5 . 0 . 0		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 25.412	UTRAN Iu interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<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>		
	RP-17 30/09/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
<hr/>						
TS 25.413	UTRAN Iu interface RANAP signalling					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> JUSSILA, Jyrki	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 05/07/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 11/10/2002 5 . 2 . 0		get it			
	RP-18 03/01/2003 5 . 3 . 0		get it			
<hr/>						
TS 25.414	UTRAN Iu interface data transport & transport signalling					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> COMSTOCK, David	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 30/09/2002 5 . 2 . 0		get it			
	RP-18 03/01/2003 5 . 3 . 0		get it			

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

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TS 25.415	UTRAN Iu interface user plane protocols					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MAUPIN, Alain	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 03/10/2002 5 . 2 . 0	get it				
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<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>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 25.421	UTRAN Iur interface Layer 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 25.422	UTRAN Iur interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<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>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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

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TS 25.423	UTRAN Iur interface RNSAP signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RUNE, Göran	Ericsson AB		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 19/07/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	PCG post RP-16 06/08/2002 5 . 2 . 0		get it			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			
<hr/>						
TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> 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/>						
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> 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			
<hr/>						
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> KEKKI, Sami	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-15 02/04/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 03/10/2002 5 . 2 . 0		get it			

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

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

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

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TS 25.433	UTRAN Iub interface NBAP signalling							
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ISHIKAWA, Nobutaka	NTT DoCoMo Inc				
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>							
	RP-15 04/04/2002 5 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-16 19/07/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	RP-17 11/10/2002 5 . 2 . 0		get it					
	RP-18 03/01/2003 5 . 3 . 0		get it					
<hr/>								
TS 25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams							
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ALDEN, Magnus	TeliaSonera AB				
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> 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/>								
TS 25.435	UTRAN Iub interface user plane protocols for CCH data streams							
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> 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					
<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> RECKER, Stephan	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> 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					

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

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TS 25.450	UTRAN Iu-PS interface general aspects and principles					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, Ie-Hong	Qualcomm Inc		
	<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 2 . 0 . 0 RP-010400				<i>remarks - general:</i>	
	RP-12 05/07/2001 5 . 0 . 0				<i>remarks - this release:</i> .	
	RP-14 11/01/2002 5 . 1 . 0				get it	
					get it	
<hr/>						
TS 25.451	UTRAN Iu-PS interface layer 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, Ie-Hong	Qualcomm Inc		
	<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 2 . 0 . 0 RP-010401				<i>remarks - general:</i>	
	RP-12 05/07/2001 5 . 0 . 0				<i>remarks - this release:</i> .	
	correction to 24/04/2002 5 . 0 . 1				get it	
	history table				get it	
<hr/>						
TS 25.452	UTRAN Iu-PS interface signalling transport					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, Ie-Hong	Qualcomm Inc		
	<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-13 26/09/2001 2 . 0 . 0 RP-010640				<i>remarks - general:</i>	
	RP-13 12/10/2001 5 . 0 . 0				<i>remarks - this release:</i> .	
					get it	
					get it	
<hr/>						
TS 25.453	UTRAN Iu-PS interface Positioning Calculation Application Part (PCAP) signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, Ie-Hong	Qualcomm Inc		
	<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 2 . 0 . 0 RP-010402				<i>remarks - general:</i>	
	RP-12 05/07/2001 5 . 0 . 0				<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	

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

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TR 25.854	Uplink Synchronous Transmission Scheme (USTS)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Duk Kyung	SK TELECOM		
	<i>freeze_meeting:</i> RP-15	<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-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 25.856	High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 25.857	UE positioning enhancements					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> BECKMANN, Mark	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 25.858	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	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-14 02/01/2002 1 . 0 . 0 RP-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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TR 25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One	
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	draft	0 . 0 . 0			<i>remarks - general:</i>	
	draft 04/09/2001	0 . 1 . 0			<i>remarks - this release:</i> .	
	RP-13 02/10/2001	1 . 0 . 1			get it	
	RP-15 19/03/2002	2 . 0 . 0			get it	
	RP-15 19/03/2002	2 . 0 . 1			get it	
	RP-15 19/03/2002	5 . 0 . 0			get it	
TR 25.860	Radio access bearer support enhancements					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation	
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	RP-15 19/03/2002	1 . 0 . 0			<i>remarks - general:</i>	
	RP-16 25/06/2002	2 . 0 . 0			<i>remarks - this release:</i> .	
	RP-16 17/06/2002	5 . 0 . 0			get it	
TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks					
Rel-5	<i>current version:</i> 1.0.0 <i>freeze_meeting:</i> RP-15	DRAFT <i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo		TEKMAR Sistemi Srl	
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	RP-14 02/01/2002	1 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
					get it	
TR 25.868	Node B synchronization for 1,28 Mcps TDD					
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> RP-15	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling		CATT	
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>					
	RP-13 01/10/2001	1 . 0 . 0			<i>remarks - general:</i>	
	RP-14 02/01/2002	1 . 1 . 0			<i>remarks - this release:</i> .	
	RP-15 19/03/2002	1 . 1 . 1			get it	
	RP-15 29/03/2002	5 . 0 . 0			get it	
	post RP-15 15/04/2002	5 . 0 . 1			get it	
	editorial					

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

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

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TR 25.877	High Speed Downlink Packet Access (HSDPA) - Iub/Iur Protocol Aspects					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael	MOTOROLA Ltd		
	<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>					
	draft 12/10/2001	0 . 1 . 0	get it	<i>remarks - general:</i>		
	draft 07/11/2001	0 . 2 . 2	get it	<i>remarks - this release:</i> .		
	draft 02/01/2002	0 . 3 . 1	get it			
	RP-15 28/02/2002	1 . 0 . 0	get it	R3-020891 = RP-020157		
	RP-15 28/02/2002	2 . 0 . 0	get it	R3-020892 = RP-020158		
	RP-15 25/03/2002	5 . 0 . 0	get it			
	RP-16 28/06/2002	5 . 1 . 0	get it			

TR 25.878	RL timing adjustment					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson		
	<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>					
	R3-23 11/01/2002	0 . 2 . 0	get it	<i>remarks - general:</i>		
	RP-15 19/03/2002	1 . 0 . 0	get it	<i>remarks - this release:</i> .		
	RP-15 19/03/2002	2 . 0 . 0	get it	RP-020139		
	RP-15 25/03/2002	5 . 0 . 0	get it	RP-020140		
	RP-16 28/06/2002	5 . 1 . 0	get it			

TR 25.879	Separation of resource reservation and radio link activation					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i>			
	<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>					
	R3-23	0 . 2 . 0	get it	<i>remarks - general:</i>		
	draft 03/12/2001	0 . 3 . 0	get it	<i>remarks - this release:</i> .		
	draft 03/12/2001	0 . 3 . 1	get it			
	RP-15 19/03/2002	1 . 0 . 0	get it	RP-020142		
	RP-15 19/03/2002	2 . 0 . 0	get it	RP-020143		
	RP-15 25/03/2002	5 . 0 . 0	get it			

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TS 25.880	Re-arrangement of lub transport bearers					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> ISOKANGAS, Jari		NOKIA Corporation
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
			<i>U:</i> yes			
	<i>history (event, available, version, comments):</i>					
	draft	0 . 0 . 1			<i>remarks - general:</i>	2003-01: title changed from "Traffic termination point swapping" some time ago.
	R3-21	0 . 0 . 2			<i>remarks - this release:</i>	.
	R3-21	0 . 1 . 0	RP-010609			
	R3-23	0 . 1 . 1				
	R3-24	0 . 2 . 0				
	draft	0 . 2 . 1				
	R3-25	0 . 3 . 0				
	draft 11/01/2002	0 . 3 . 0		get it		
	draft	0 . 3 . 1				
	R3-26	0 . 4 . 0				
	draft	0 . 4 . 1				
	draft	0 . 4 . 2				
	R3-27	0 . 5 . 0				
	draft	0 . 5 . 1				
	RP-15 19/03/2002	1 . 0 . 0	RP-020145	get it		
	RP-15 19/03/2002	2 . 0 . 0	RP-020146	get it		
	RP-15 25/03/2002	5 . 0 . 0		get it		

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

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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	<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	RP-13 01/10/2001 1 . 0 . 0				RP-010645
	RP-14 02/01/2002 1 . 1 . 0				RP-010810
	RP-16 25/06/2002 2 . 0 . 0				RP-020353
	RP-16 03/07/2002 5 . 0 . 0				
		get it		<i>remarks - general:</i>	
		get it		<i>remarks - this release:</i> .	
		get it			
		get it			
<hr/>					
TR 25.883	Direct Transport Bearers Between SRNC and Node-B				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VAN LIESHOUT, Gert-Jan	ERICSSON EUROLAB NETHERLANDS BV	
	<i>freeze_meeting:</i> RP-16	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>				
	draft 03/12/2001 0 . 2 . 0				
	RP-16 25/06/2002 1 . 0 . 0				RP-020392
	RP-16 25/06/2002 2 . 0 . 0				RP-020393
	RP-16 25/06/2002 2 . 0 . 1				RP-020452
	RP-16 28/06/2002 5 . 0 . 0				
		get it		<i>remarks - general:</i>	
		get it		<i>remarks - this release:</i> .	
		get it			
		get it			
		get it			
<hr/>					
TR 25.884	Iur Neighbouring cell reporting efficiency optimisation				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> VOLTOLINA, Elena Eva	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>				
	referred to at 11/01/2002 0 . 1 . 0				Status report in RP-010606
	RP-13				
	RP-15 19/03/2002 1 . 0 . 0				RP-020152
	RP-15 19/03/2002 2 . 0 . 0				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> .	
		get it			
		get it			
		get it			
<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	<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	draft 0 . 0 . 0				
	RP-16 26/06/2002 1 . 0 . 0				RP-020376
		get it		<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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

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TR 25.893	Radio access bearer scenarios					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation	
	<i>freeze_meeting:</i> RP-19	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn		NOKIA UK Ltd	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-15 19/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-18 13/01/2003 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
<hr/>						
TR 25.922	Radio Resource Management Strategies					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-15 19/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 25.931	UTRAN Functions, examples on signalling procedures					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CASALINO, Francesco		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> RP-15	<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>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .		
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TR 25.933	IP transport in UTRAN					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas		ALCATEL S.A.	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-15 28/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).		
	RP-17 03/10/2002 5 . 2 . 0		get it			

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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		<i>G:</i> 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> .
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TR 25.943	Deployment aspects				
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version, comments):</i>				
	RP-15	02/04/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
	edito	03/05/2002	5 . 0 . 1	get it	<i>remarks - this release:</i> .
	RP-16	03/07/2002	5 . 1 . 0	get it	
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TR 25.945	RF requirements for low chip rate TDD option				
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> ZHANG, Daijun	CATT
	<i>freeze_meeting:</i> RP-15		<i>G:</i> 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>
					<i>remarks - this release:</i> .
<hr/>					
TR 25.951	Base Station classification (FDD)				
Rel-5	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNÄJÄKANGAS, Tuomo	NOKIA Corporation
	<i>freeze_meeting:</i> RP-16		<i>G:</i> U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version, comments):</i>				
	RP-13	01/10/2001	1 . 1 . 0	get it	<i>remarks - general:</i>
					<i>remarks - this release:</i> 2002-01-24: Gutierrez: moved from Rel-4.
<hr/>					
TR 25.952	Base Station classification (TDD)				
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> AXNESS, Timothy	INTERDIGITAL COMMUNICATIONS CORPORATION
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version, comments):</i>				
	RP-12		2 . 0 . 0		RP-010457
	RP-12	29/06/2001	5 . 0 . 0	get it	<i>remarks - general:</i>
	RP-16	03/07/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> promoted from Rel-4 at RP-12.

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TR 25.956	UTRA repeater: Planning guidelines and system analysis				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA	
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i> .		
			<i>remarks - this release:</i> .		
<hr/>					
TR 25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon	Intel Corporation	
	<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	get it	<i>remarks - general:</i>		RP-010892
	RP-15 19/03/2002 2 . 0 . 0	get it	<i>remarks - this release:</i> .		RP-020121
	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	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 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	<i>WG (prime / other):</i> RP /	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	RP-18 06/01/2003 0 . 0 . 0	get it	<i>remarks - general:</i>		RP-020880
			<i>remarks - this release:</i> .		
<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	<i>WG (prime / other):</i> RP /	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>				
	draft 0 . 0 . 1		<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

TS 26.071	AMR speech Codec; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	<i>G: 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> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
TS 26.073	AMR speech Codec; C-source code					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	<i>G: 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> .			
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	<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> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<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 26.090	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	<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> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	<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> 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	<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> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
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TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	<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> 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				
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TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	<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> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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ACTIVE specs Rel-5 26 .- series
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TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes	<i>rapporteur:</i> HAGQVIST, Jari <i>MCC:</i> USAI, Paolino			NOKIA Corporation
	<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	AMR speech Codec; Interface to lu and Uu					
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes	<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino			NORTEL NETWORKS (EUROPE)
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0 SP-18 03/01/2003 5 . 1 . 0	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 26.103	Speech codec list for GSM and UMTS					
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes	<i>rapporteur:</i> HELLWIG, Karl <i>MCC:</i> USAI, Paolino			Telefon AB LM Ericsson
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 5 . 0 . 0 SP-15 28/03/2002 5 . 1 . 0 SP-16 28/06/2002 5 . 2 . 0 SP-17 24/09/2002 5 . 3 . 0 SP-18 03/01/2003 5 . 4 . 0	get it get it get it get it get it	<i>remarks - general:</i> New after TSG#5 <i>remarks - this release:</i>			
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TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino			Telecom Italia Lab S.p.A.
	<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 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G:</i> yes <i>U:</i> yes	<i>rapporteur:</i> ARONSON, Barry <i>MCC:</i> USAI, Paolino			TOSHIBA CO
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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ACTIVE specs Rel-5 26 .- series
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TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i> .			
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TS 26.115	Echo control for speech and multi-media services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-17 24/09/2002 5 . 2 . 0	get it				
<hr/>						
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 5 . 2 . 0	get it				
	SP-17 24/09/2002 5 . 3 . 0	get it				

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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	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / T2	<i>rapporteur:</i> CASTAGNO, Roberto	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-14 02/01/2002	1 . 0 . 0	SP-010695	get it	<i>remarks - general:</i>		
	SP-15 19/03/2002	2 . 0 . 0	SP-020075	get it	<i>remarks - this release:</i>	.	
	SP-15 28/03/2002	5 . 0 . 0		get it			
	SP-16 28/06/2002	5 . 1 . 0		get it			
	SP-18 03/01/2003	5 . 2 . 0		get it			
<hr/>							
TS 26.171	AMR speech codec, wideband; General description						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-10	1 . 0 . 0			<i>remarks - general:</i>		
	SP-11 10/04/2001	5 . 0 . 0		get it	<i>remarks - this release:</i>		
<hr/>							
TS 26.173	ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec						
Rel-5	<i>current version:</i> 5.5.0	<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			<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			

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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,
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,
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>

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 26.193	AMR speech codec, wideband; Source Controlled Rate operation						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 26.201	AMR speech codec, wideband; Frame structure						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				
<hr/>							
TS 26.202	AMR speech codec, wideband; Interface to lu and Uu						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	draft 1 . 0 . 0		<i>remarks - general:</i>				
	SP-11 02/08/2001 2 . 0 . 0 SP-010091	get it	<i>remarks - this release:</i>				
	SP-11 10/04/2001 5 . 0 . 0	get it					
	SP-17 24/09/2002 5 . 1 . 0	get it					
<hr/>							
TS 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-14 02/01/2002 1 . 0 . 0 SP-010693	get it	<i>remarks - general:</i>				
	SP-15 19/03/2002 2 . 0 . 0 SP-020073	get it	<i>remarks - this release:</i>				
	SP-15 28/03/2002 5 . 0 . 0	get it					

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ACTIVE specs Rel-5 26 .- series
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TS 26.226	Global text telephony (GTT); Transport of text in the voice channel						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11	10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	SP-16: in "GERAN" set.	
					<i>remarks - this release:</i>	TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4	
<hr/>							
TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description						
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-11	10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	SP-16: in "GERAN" set.	
	correct c-code	29/05/2001	5 . 0 . 1	get it	<i>remarks - this release:</i>	TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4	
<hr/>							
TS 26.231	Global text telephony (GTT); Cellular text telephone modem minimum performance requirements						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-10	21/12/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	SP-16: in "GERAN" set.	
	SP-11	10/04/2001	5 . 0 . 0	get it	<i>remarks - this release:</i>		
	SP-13	02/10/2001	5 . 1 . 0	get it			
	SP-15	28/03/2002	5 . 2 . 0	get it			
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TS 26.233	End-to-end transparent streaming service; General description						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-15	28/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>	.	
<hr/>							
TS 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-15	28/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-16	28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.	
	SP-17	24/09/2002	5 . 2 . 0	get it			
	SP-18	03/01/2003	5 . 3 . 0	get it			

G = required in systems with GERAN 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 26.235	Packet switched conversational multimedia applications; Default codecs						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi			Nokia Research Center	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-12 27/06/2001 5 . 0 . 0	based on v4.1.0	get it	<i>remarks - general:</i>			
	SP-15 28/03/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> SP-12: transferred to Rel-5.			
<hr/>							
TS 26.236	Packet switched conversational multimedia applications; Transport protocols						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi			Nokia Research Center	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-14 02/01/2002 1 . 0 . 0	SP-010694	get it	<i>remarks - general:</i>			
	SP-15 19/03/2002 2 . 0 . 0	SP-020074	get it	<i>remarks - this release:</i> .			
	SP-15 28/03/2002 5 . 0 . 0		get it				
	SP-18 03/01/2003 5 . 1 . 0		get it				
<hr/>							
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri			Nokia Research Center	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-16 28/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> .			
<hr/>							
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); RTP usage model						
Rel-5	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor		Nokia Telecommunications Inc.	
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	S4-19 16/01/2002 0 . 1 . 0	S4-010679	get it	<i>remarks - general:</i>			
	SP-18 03/01/2003 1 . 2 . 0	SP-020683	get it	<i>remarks - this release:</i> 2003-01-14: WG Secretary reports that this TS should be approved at SP-19.			
<hr/>							
TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik			Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-16 28/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM.			
				<i>remarks - this release:</i> .			

G = required in systems with GERAN 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 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

draft		0	.	0	.	1				<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			

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

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-14	11/01/2002	5	.	0	.	0		get it		<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			

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>	.

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

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

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

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

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

TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-16 25/06/2002 5 . 0 . 0

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
TP-14 15/01/2002 5 . 0 . 0
TP-15 04/04/2002 5 . 1 . 0
TP-18 20/12/2002 5 . 2 . 0

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

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

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

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

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

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

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

G = required in systems with GERAN 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:* 5.3.0
freeze_meeting: SP-15
history (event, available, version, comments):
SP-15 28/03/2002 5 . 0 . 0
SP-16 28/06/2002 5 . 1 . 0
SP-17 24/09/2002 5 . 2 . 0
SP-18 03/01/2003 5 . 3 . 0

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

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

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

G = required in systems with GERAN 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 29.002	Mobile Application Part (MAP) specification					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-14 18/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-15 04/04/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-16 21/06/2002 5 . 2 . 0	get it				
	NP-17 24/09/2002 5 . 3 . 0	get it				
	NP-18 09/01/2003 5 . 4 . 0	get it				
<hr/>						
TS 29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-15 20/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-16 28/06/2002 5 . 2 . 0	get it				
	NP-17 17/09/2002 5 . 3 . 0	get it				
	NP-18 09/01/2003 5 . 4 . 0	get it				
<hr/>						
TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling					
Rel-5	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	<i>5.2.0WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo			
	TeliaSonera AB					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)			
	NP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 29.011	Signalling Interworking for Supplementary Services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N4 / - <i>rapporteur:</i> WIEHE, Ulrich Gesellschaft für Kommunikations Software <i>G: yes U: yes</i> <i>MCC:</i> KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i> NP-16 25/06/2002 5 . 0 . 0
	get it <i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i> .
<hr/>	
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N1 / - <i>rapporteur:</i> MILLS, Duncan VODAFONE Group Plc <i>G: yes U: yes</i> <i>MCC:</i> JORGENSEN, Per Johan
	<i>history (event, available, version, comments):</i> NP-16 26/06/2002 5 . 0 . 0
	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>	
TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
Rel-5	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N1 / - <i>rapporteur:</i> MILLS, Duncan VODAFONE Group Plc <i>G: yes U: yes</i> <i>MCC:</i> JORGENSEN, Per Johan
	<i>history (event, available, version, comments):</i> NP-14 04/01/2002 5 . 0 . 0 NP-15 19/03/2002 5 . 1 . 0 NP-16 26/06/2002 5 . 2 . 0 NP-18 18/12/2002 5 . 3 . 0
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> . get it get it
<hr/>	
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N4 / - <i>rapporteur:</i> KYMALAINEN, Kimmo TeliaSonera AB <i>G: yes U: yes</i> <i>MCC:</i> KYMALAINEN, Kimmo
	<i>history (event, available, version, comments):</i> NP-14 11/01/2002 5 . 0 . 0 NP-14 editorial 18/01/2002 5 . 0 . 1 NP-15 28/03/2002 5 . 1 . 0 NP-16 21/06/2002 5 . 2 . 0 NP-17 18/09/2002 5 . 3 . 0 NP-18 07/01/2003 5 . 4 . 0
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> . get it get it get it get it

G = required in systems with GERAN 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> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> NP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	NP-14	14/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the Public			
	NP-15	20/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	NP-16: some indications from N3 report that this spec should not be considered frozen			
Land Mobile Network (PLMN) supporting GPRS and Packet".									
					frozen; withdraw SDO publications?				yet. So change freeze date from March 2002 to Sept 2002.
	NP-16	02/07/2002	5 . 2 . 0	get it					
edito post	NP-16	25/07/2002	5 . 2 . 1	get it					
	NP-17	17/09/2002	5 . 3 . 0	get it					
	NP-18	09/01/2003	5 . 4 . 0	get it					
<hr/>									
TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> NP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana						
	<i>history (event, available, version, comments):</i>								
	NP-16	18/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4			
	NP-17	17/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 4			
	NP-18	18/12/2002	5 . 2 . 0	get it					
<hr/>									
TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG					
	<i>freeze_meeting:</i> RP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern						
	<i>history (event, available, version, comments):</i>								
	RP-15	25/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)			
	RP-16	28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	RP-18	03/01/2003	5 . 2 . 0	get it					
<hr/>									
TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited					
	<i>freeze_meeting:</i> NP-15	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-16	25/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	New after TSG#5			
					<i>remarks - this release:</i>	.			

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 29.120 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 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel mm02 plc
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
draft 01/06/2001 0 . 1 . 0 [get it](#) *remarks - general:*
draft 08/11/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .
draft 14/01/2002 0 . 4 . 0 [get it](#)
draft 18/02/2002 0 . 6 . 1 [get it](#)
NP-15 19/03/2002 1 . 0 . 0 NP-020076 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
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

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 29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> BENNETT, Andy	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	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> .		
<hr/>					
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 1: Common call control data definitions				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> BAKKER, John-Luc	Telcordia Technologies, Inc.	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	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> .		
<hr/>					
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data SCF				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> BAKKER, John-Luc	Telcordia Technologies, Inc.	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	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> .		
<hr/>					
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data SCF				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> BAKKER, John-Luc	Telcordia Technologies, Inc.	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	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> .		
<hr/>					
TS 29.198-04-	Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 4: Multimedia call control data SCF				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> BAKKER, John-Luc	Telcordia Technologies, Inc.	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	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> .		

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 29.198-05	Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	NP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 01/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 29.198-06	Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i>	TWEEDIE, David	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	NP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 01/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 29.198-07	Open Service Access (OSA) Application Programming Interface (API); Part 7: Terminal capabilities					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i>	SAARENPA, Matti	NOKIA Corporation	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	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				
<hr/>						
TS 29.198-08	Open Service Access (OSA) Application Programming Interface (API); Part 8: Data session control					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i>	UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	NP-16 26/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 01/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 29.198-11	Open Service Access (OSA) Application Programming Interface (API); Part 11: Account management					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i>	SCHILDERS, Koen	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	NP-16 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>			

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 29/01/2002 0 . 0 . 1 N5-020036 [get it](#) *remarks - general:*
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .
NP-16 31/05/2002 2 . 0 . 0 NP-020195 [get it](#)
NP-16 17/06/2002 5 . 0 . 0 [get it](#)
NP-17 01/10/2002 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* VENKATESH, Guda Teltier Technologies
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 31/05/2002 2 . 0 . 0 NP-020196 [get it](#) *remarks - this release:* .
NP-16 17/06/2002 5 . 0 . 0 [get it](#)
NP-17 01/10/2002 5 . 1 . 0 [get it](#)

TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-18 07/01/2003 5 . 2 . 0 [get it](#)

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 29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> HEIDERMARK, Alf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>					
	NP-16 25/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 29.207	Policy control over Go interface				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> YOKOTA, Daisuke	Lucent Technologies Japan Ltd.	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
	draft 08/11/2001	0 . 2 . 0	get it	<i>remarks - general:</i>	
	draft 14/01/2002	0 . 5 . 0	get it	<i>remarks - this release:</i> .	
	draft 18/02/2002	0 . 6 . 0	get it		
	NP-15 19/03/2002	1 . 0 . 0	get it	NP-020078	
	draft 18/04/2002	1 . 1 . 0	get it		
	NP-16 26/06/2002	2 . 0 . 0	get it	NP-020167 (RFC ref needs cleaning up)	
	NP-16 28/06/2002	5 . 0 . 0	get it		
	NP-17 19/09/2002	5 . 1 . 0	get it		
	NP-18 14/01/2003	5 . 2 . 0	get it		
<hr/>					
TS 29.208	End to end Quality of Service (QoS) signalling flows				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> YOKOTA, Daisuke	Lucent Technologies Japan Ltd.	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
	draft 08/11/2001	0 . 1 . 0	get it	<i>remarks - general:</i>	
	draft 14/01/2002	0 . 2 . 0	get it	<i>remarks - this release:</i> .	
	draft 18/02/2002	0 . 3 . 1	get it		
	NP-15 19/03/2002	1 . 0 . 0	get it	NP-020079	
	draft 18/04/2002	1 . 1 . 0	get it		
	NP-16 26/06/2002	2 . 0 . 0	get it	NP-020166	
	NP-16 28/06/2002	5 . 0 . 0	get it		
	NP-17 18/09/2002	5 . 1 . 0	get it		
	NP-18 09/01/2003	5 . 2 . 0	get it		

G = required in systems with GERAN 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 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

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

G: yes U: yes

MCC: MIGUEL ANGEL 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 <i>remarks - this release:</i> .
N4-08		0 . 2 . 0	N4-010697		
N4-09		0 . 3 . 0	N4-010837		
N4-11		0 . 4 . 0	N4-011295		
draft		0 . 5 . 0	N4-01407		
NP-14	02/01/2002	1 . 0 . 0	NP-010627	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	

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

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

G: yes U: yes

MCC: MIGUEL ANGEL KYMALAINEN, Kimmo

history (event, available, version, comments):

N4-09		0 . 1 . 0	N4-010932		<i>remarks - general:</i> 2nd rapporteur: CZOMA, Balazs. <i>remarks - this release:</i> .
N4-10		0 . 2 . 0	N4-011064		
N4-11		0 . 3 . 0	N4-011296		
N4-11		0 . 4 . 0	N4-011408		
NP-14	02/01/2002	1 . 0 . 0	NP-010628	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	

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

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

TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3								
Rel-5	<i>current version:</i> 5.4.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD					
		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-14 11/01/2002 5 . 0 . 0		get it			<i>remarks - general:</i> Additional rapporteur: Laura.Pomponi@CSELT.IT			
	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						
<hr/>									
TS 29.278	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)								
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-18	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> REMOQUILLO, Angelica Lucent Technologies						
		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana					
	<i>history (event, available, version, comments):</i>								
	N2-25 0 . 1 . 0					<i>remarks - general:</i> NP-16 Existance hinted at in N2 report. Draft believed to have been seen at N2.			
	NP-17 24/09/2002 2 . 0 . 0 NP-020349		get it			<i>remarks - this release:</i> TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.			
	NP-17 17/09/2002 5 . 0 . 0		get it						
	NP-18 10/01/2003 5 . 1 . 0		get it						
<hr/>									
TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents								
Rel-5	<i>current version:</i> 5.2.1 <i>freeze_meeting:</i> NP-16	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H Lucent Technologies Network Systems UK						
		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version, comments):</i>								
	NP-16 26/06/2002 2 . 0 . 0 NP-020277		get it			<i>remarks - general:</i>			
	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 NP-18 08/01/2003 5 . 2 . 1		get it						

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

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

TS 29.329	Sh interface based on the Diameter protocol					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> NP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	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				
<hr/>						
TS 29.414	Core network Nb data transport and transport signalling					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-15 20/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 29.415	Core network Nb interface user plane protocols					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> SANDERS, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-15 20/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 29.903	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> NP-15	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	0 . 0 . 1 2001-03		<i>remarks - general:</i> Supersedes 29.203.			
	NP-12 04/07/2001 0 . 1 . 0 NP-010361	get it	<i>remarks - this release:</i> 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				

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/29_series

TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-5 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: SP-15 G: yes U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

remarks - general:
remarks - this release: .

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:* Skov
JORGENSEN, Per Johan

history (event, available, version, comments):

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

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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 to TR.

[get it](#)

remarks - this release: . latest Release version.

TR 29.998-01 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping

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

history (event, available, version, comments):

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

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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-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 G: U: yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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

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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 4: Call Control Service

Rel-5 *current version:* Mapping; Subpart 4: Multiparty Call Control SIP 5.0.0 *WG (prime / other):* N5 / - *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.

freeze_meeting: NP-16

G: U: yes

MCC: ZOICAS, Adrian

history (event, available, version, comments):

draft 19/02/2002 0 . 2 . 1 N5-020084

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remarks - general: Evidence for existence unearthed in N5-020143.

draft 22/04/2002 1 . 0 . 0

[get it](#)

remarks - this release: . Was originally Rel-6, but moved to Rel 5 NP-15.

NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be corrected.)

[get it](#)

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

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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

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 20/06/2002 5 . 0 . 0

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

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 20/06/2002 5 . 0 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 20/06/2002 5 . 0 . 0

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

TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
NP-16 20/06/2002 5 . 0 . 0

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

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

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

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-18 07/01/2003 5 . 0 . 0

[get it](#) *remarks - general:* .
remarks - this release: NP-18: Evidently Rel-5 is indeed required!

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

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

Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 *G: yes U: yes* *MCC:* DIETZE, Claus
history (event, available, version, comments):

remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: TP-17 *G: U: yes* *MCC:* DIETZE, Claus
history (event, available, version, comments):

[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:* 5.3.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
freeze_meeting: TP-15 *G: U: yes* *MCC:* DIETZE, Claus
history (event, available, version, comments):

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

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

TS 31.103	Characteristics of the ISIM application				
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> TP-16	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
		G: yes U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	TP-16 26/06/2002 1 . 0 . 0 TP-020124	get it	<i>remarks - general:</i>		
	TP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - this release:</i> .		
	TP-17 25/09/2002 5 . 1 . 0	get it			
	TP-18 02/01/2003 5 . 2 . 0	get it			
<hr/>					
TS 31.111	USIM Application Toolkit (USAT)				
Rel-5	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian		Indicate persons who left Company and wait for new One
		G: yes U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	TP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.		
	TP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	TP-17 18/09/2002 5 . 2 . 0	get it			
	TP-18 02/01/2003 5 . 3 . 0	get it			
<hr/>					
TS 31.112	USAT Interpreter Architecture Description; Stage 2				
Rel-5	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
		G: U: yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version, comments):</i>				
	TP-11 09/04/2001 1 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-13 12/10/2001 2 . 0 . 0 TP-010207	get it	<i>remarks - this release:</i> started life as Rel-4 draft, but ran out of time so ended up Rel-5.		
	TP-13 12/10/2001 5 . 0 . 0	get it			
	TP-14 14/01/2002 5 . 1 . 0	get it			
	TP-16 19/06/2002 5 . 2 . 0	get it			

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

TS 31.113	USAT interpreter byte codes				
Rel-5	current version: 5.4.0 freeze_meeting: TP-15	WG (prime / other): T3 /	rapporteur: N, A		Indicate persons who left Company and wait for new One
		G: U: yes	MCC: DIETZE, Claus		
	history (event, available, version, comments):				
	TP-11 09/04/2001 1 . 0 . 0	get it	remarks - general:		
	TP-13 12/10/2001 2 . 0 . 0 TP-010208	get it	remarks - this release:	started life as Rel-4 draft, but ran out of time so ended up Rel-5.	
	TP-13 12/10/2001 5 . 0 . 0	get it			
	TP-14 14/01/2002 5 . 1 . 0	get it			
	TP-15 28/03/2002 5 . 2 . 0	get it			
	TP-16 19/06/2002 5 . 3 . 0	get it			
	TP-17 25/09/2002 5 . 4 . 0	get it			

TS 31.114	USAT interpreter protocol and administration				
Rel-5	current version: 5.2.0 freeze_meeting: TP-15	WG (prime / other): T3 /	rapporteur: MEYER, Michael		GIESECKE & DEVRIENT GmbH
		G: U: yes	MCC: DIETZE, Claus		
	history (event, available, version, comments):				
	TP-14 02/01/2002 1 . 0 . 0 TP-010248	get it	remarks - general:		
	TP-15 19/03/2002 1 . 5 . 1 TP-020030	get it	remarks - this release:		
	TP-15 19/03/2002 2 . 0 . 0 TP-020077	get it			
	TP-15 28/03/2002 5 . 0 . 0	get it			
	TP-16 19/06/2002 5 . 1 . 0	get it			
	TP-17 25/09/2002 5 . 2 . 0	get it			

TR 31.900	SIM/USIM internal and external interworking aspects				
Rel-5	current version: 5.1.0 freeze_meeting: SP-15	WG (prime / other): T3 /	rapporteur: KALINER, Stefan		T-MOBILE DEUTSCHLAND
		G: U: yes	MCC: DIETZE, Claus		
	history (event, available, version, comments):				
	TP-15 28/03/2002 5 . 0 . 0	get it	remarks - general:		
	TP-16 19/06/2002 5 . 1 . 0	get it	remarks - this release:	.	

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

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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	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd			
	<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>				
	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					
<hr/>							
TS 32.102	Telecommunication management; Architecture						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BERGGREN, Tommy	Telia Mobile AB			
	<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>				
	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					
<hr/>							
TS 32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements						
Rel-5	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.			
	<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 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	<i>edito (layout and references)</i> 07/01/2003 5 . 1 . 1	get it					
<hr/>							
TS 32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.			
	<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					

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

TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8: split into 4 parts			
	SP-17	08/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-18	09/01/2003	5 . 2 . 0	get it					
<hr/>									
TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8: split into 4 parts			
	SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-17	20/09/2002	5 . 2 . 0	get it					
	SP-18	09/01/2003	5 . 3 . 0	get it					
<hr/>									
TS 32.200	Telecommunication management; Charging management; Charging principles								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-18	06/01/2003	5 . 2 . 0	get it					
<hr/>									
TS 32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	SP-18	09/01/2003	5 . 2 . 0	get it					

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

TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
	SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .	
	SP-18	09/01/2003	5 . 2 . 0	get it		
<hr/>						
TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SHARON, Ariel	Lucent Technologies Networks System GmbH		
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-15	19/03/2002	1 . 0 . 0	SP-020033	get it	<i>remarks - general:</i>
	SP-16	17/06/2002	1 . 5 . 0	SP-020327	get it	<i>remarks - this release:</i> .
	draft	19/07/2002	1 . 7 . 0		get it	
	SP-17	16/09/2002	2 . 0 . 0	SP-020453	get it	
	SP-17	18/09/2002	5 . 0 . 0	"Support of Diameter is mandatory."	get it	
	SP-18	06/01/2003	5 . 1 . 0		get it	
<hr/>						
TS 32.235	Telecommunication management; Charging management; Charging data description for application services					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG		
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-17	18/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i>
	SP-18	07/01/2003	5 . 1 . 0		get it	<i>remarks - this release:</i> .
<hr/>						
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-17	18/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Replaces 32.106-8 (pars)
	edito post SP-18	13/01/2003	5 . 0 . 1		get it	<i>remarks - this release:</i> .

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

TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.	
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-15 26/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-1	
	edito post SP-18 13/01/2003 5 . 0 . 1	get it	<i>remarks - this release:</i>	.	
<hr/>					
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service				
Rel-5	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-2	
	edito 26/03/2002 5 . 0 . 1	get it	<i>remarks - this release:</i>	.	
	edito post SP-18 13/01/2003 5 . 0 . 2	get it			
<hr/>					
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set				
Rel-5	<i>current version:</i> 5.1.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-15 26/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-3	
	SP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>	.	
	edito post SP-17 01/10/2002 5 . 1 . 1	get it			
	edito post SP-18 13/01/2003 5 . 1 . 2	get it			
<hr/>					
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set				
Rel-5	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>				
	SP-14 11/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-4	
	SP-15 26/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>	.	
	SP-16 20/06/2002 5 . 2 . 0	get it			
	edito post SP-18 13/01/2003 5 . 2 . 1	get it			

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

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	<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 32.112-1
	edito post SP-18	13/01/2003	5 . 0 . 1	get it	<i>remarks - this release:</i>	.
<hr/>						
TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
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: 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 32.112-2
	edito post SP-18	13/01/2003	5 . 0 . 1	get it	<i>remarks - this release:</i>	.
<hr/>						
TS 32.321	Telecommunication management; Test management Integration Reference Point (IRP); Requirements					
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-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	SP-16	17/06/2002	1 . 0 . 0	SP-020328	get it	<i>remarks - general:</i>
	SP-17	06/09/2002	2 . 0 . 0	SP-020456	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 32.322	Telecommunication management; Test management Integration Reference Point (IRP); Information service					
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	SP-020328	get it	<i>remarks - general:</i>
	SP-17	16/09/2002	2 . 0 . 0	SP-020457	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	.

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

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

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

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

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TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John				
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-17 20/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).				
			<i>remarks - this release:</i> .				
<hr/>							
TS 32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor			MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-17 23/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-1				
			<i>remarks - this release:</i> .				
<hr/>							
TS 32.602	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John				
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2				
			<i>remarks - this release:</i> .				
<hr/>							
TS 32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di			SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3				
			<i>remarks - this release:</i> .				
<hr/>							
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas			Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-18 08/01/2003 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4				
			<i>remarks - this release:</i> .				

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

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TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1		
	SP-17 27/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
<hr/>					
TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information service				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-2		
	SP-18 07/01/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
<hr/>					
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution set				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-17 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-3		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-18 07/01/2003 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-4		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-5		
	edito after SP-17 18/09/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .		

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

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ACTIVE specs Rel-5 32 .- series
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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>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G: yes 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 32.620-1 <i>remarks - this release:</i> .
<hr/>	
TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson <i>G: yes 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 32.620-2 <i>remarks - this release:</i> .
<hr/>	
TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G: yes 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 32.620-3 <i>remarks - this release:</i> .
<hr/>	
TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G: yes 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 32.620-4 <i>remarks - this release:</i> .
<hr/>	
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5	<i>current version:</i> format definition 5.0.0 <i>WG (prime / other):</i> S5 <i>/ rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-15 <i>G: yes 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 SP-17 06/09/2002 2 . 0 . 0 SP-020460 SP-17 18/09/2002 5 . 0 . 0
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> . 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
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TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G:</i> <i>U:</i> yes <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> .
<hr/>	
TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PAL, Tapinder T-MOBILE DEUTSCHLAND <i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 23/09/2002 5 . 0 . 0 SP-18 07/01/2003 5 . 1 . 0
	get it <i>remarks - general:</i> was 32.621-2 get it <i>remarks - this release:</i> .
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TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G:</i> yes <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0 SP-18 07/01/2003 5 . 1 . 0
	get it <i>remarks - general:</i> was 32.621-3 get it <i>remarks - this release:</i> .
<hr/>	
TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G:</i> yes <i>U:</i> 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 5.0.0 <i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16 <i>G:</i> yes <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-020298 pars SP-17 16/09/2002 2 . 0 . 0 SP-020461 SP-17 18/09/2002 5 . 0 . 0
	get it <i>remarks - general:</i> RP-15: existence gleaned from S5 report. get it <i>remarks - this release:</i> . 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-5 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0
	get it <i>remarks - general:</i> was 32.622-1 <i>remarks - this release:</i> .
<hr/>	
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.1.1 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PETERSEN, Robert Ericsson AB <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0 SP-18 07/01/2003 5 . 1 . 0 edito post SP-18 to 09/01/2003 5 . 1 . 1 accept all rev marks
	get it <i>remarks - general:</i> was 32.622-2 get it <i>remarks - this release:</i> . get it
<hr/>	
TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0
	get it <i>remarks - general:</i> was 32.622-3 <i>remarks - this release:</i> .
<hr/>	
TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-18 08/01/2003 5 . 0 . 0
	get it <i>remarks - general:</i> was 32.622-4 <i>remarks - this release:</i> .
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TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5	<i>current version:</i> format definition 5.0.0 <i>WG (prime / other):</i> S5 / <i>rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16 <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-020298 pars SP-17 16/09/2002 2 . 0 . 0 SP-020462 SP-17 18/09/2002 5 . 0 . 0
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> . 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 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G: yes 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 32.623-1 <i>remarks - this release:</i> .
<hr/>	
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PETERSEN, Robert Ericsson AB <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 27/09/2002 5 . 0 . 0 edito post SP-18 09/01/2003 5 . 0 . 1
	get it <i>remarks - general:</i> was 32.623-2 get it <i>remarks - this release:</i> .
<hr/>	
TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	<i>history (event, available, version, comments):</i> SP-17 08/10/2002 5 . 0 . 0 edito post SP-18 09/01/2003 5 . 0 . 1
	get it <i>remarks - general:</i> was 32.623-3 get it <i>remarks - this release:</i> .
<hr/>	
TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-17
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G: yes 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 <i>remarks - this release:</i> .
<hr/>	
TS 32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5	<i>current version:</i> format definition 5.0.0 <i>WG (prime / other):</i> S5 <i>/ rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16 <i>G: yes 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 SP-17 16/09/2002 2 . 0 . 0 SP-020463 SP-17 18/09/2002 5 . 0 . 0
	get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it
<hr/>	

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

TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John						
	<i>freeze_meeting:</i> SP-18	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	draft	31/01/2002	0 . 1 . 0			get it	<i>remarks - general:</i>		
	SP-15	19/03/2002	1 . 0 . 0	SP-020034	pars	get it	<i>remarks - this release:</i>	.	
	SP-17	16/09/2002	2 . 0 . 0	SP-020465		get it			
	SP-17	18/09/2002	5 . 0 . 0			get it			

TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-17	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-17	16/09/2002	1 . 0 . 0	SP-020466		get it	<i>remarks - general:</i>		
	SP-17	18/09/2002	5 . 0 . 0			get it	<i>remarks - this release:</i>	SP-15: will not exist in Rel-5. SP-17 Oh yes it will!	

TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-18	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version, comments):</i>								
	SP-17	16/09/2002	1 . 0 . 0	SP-020467		get it	<i>remarks - general:</i>		
	SP-18	07/01/2003	2 . 0 . 0	SP-020743		get it	<i>remarks - this release:</i>	SP-15: will not exist in Rel-5. SP-17: Yes it will!	
	SP-18	07/01/2003	5 . 0 . 0			get it			

G = required in systems with GERAN 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 32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	draft	17/01/2002	0 . 1 . 2	get it <i>remarks - general:</i>
	SP-16	17/06/2002	1 . 0 . 0	get it <i>remarks - this release:</i> .
	SP-17	19/07/2002	2 . 0 . 0	get it
	SP-17	18/09/2002	5 . 0 . 0	get it
				SP-020329 pars
				SP-020468

TS 32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	draft	19/07/2002	0 . 0 . 0	get it <i>remarks - general:</i>
	draft	17/01/2002	0 . 1 . 1	get it <i>remarks - this release:</i> .
	SP-16	17/06/2002	1 . 0 . 0	get it
	SP-17	16/09/2002	2 . 0 . 0	get it
	SP-17	18/09/2002	5 . 0 . 0	get it
				SP-020329 pars
				SP-020469

TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CORBA Solution set			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	SP-17	16/09/2002	1 . 0 . 0	get it <i>remarks - general:</i>
	SP-17	18/09/2002	5 . 0 . 0	get it <i>remarks - this release:</i> .
				SP-020470

TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CMIP Solution set			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>				
	draft	17/01/2002	0 . 1 . 0	get it <i>remarks - general:</i>
	draft	19/07/2002	1 . 0 . 0	get it <i>remarks - this release:</i> .
	SP-17	16/09/2002	2 . 0 . 0	get it
	SP-17	18/09/2002	5 . 0 . 0	get it
				SP-020471

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 32.691	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-17	30/08/2002	1 . 0 . 0	SP-020472	get it	remarks - general:			
	SP-17	18/09/2002	5 . 0 . 0		get it	remarks - this release: .			
<hr/>									
TS 32.692	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-17	30/08/2002	1 . 0 . 0	SP-020473	get it	remarks - general:			
	SP-17	18/09/2002	5 . 0 . 0		get it	remarks - this release: .			
<hr/>									
TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-15	26/03/2002	5 . 0 . 0		get it	remarks - general:			
						remarks - this release: .			
<hr/>									
TR 32.802	Telecommunication management; User Equipment Management (UEM) feasibility study								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-13	01/10/2001	0 . 0 . 2	TP-010213 (!)	get it	remarks - general:			
	SP-14	02/01/2002	1 . 0 . 0	SP-010652 (also TP-010283)	get it	remarks - this release: .			
	draft	28/01/2002	1 . 0 . 1		get it				
	draft	31/01/2002	1 . 0 . 2		get it				
	SP-15	19/03/2002	1 . 0 . 4	SP-020011	get it				
	SP-16	17/06/2002	2 . 0 . 0	SP-020331	get it				
	SP-16	20/06/2002	5 . 0 . 0		get it				
	SP-17	18/09/2002	5 . 1 . 0		get it				

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/33_series

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TS 33.102	3G security; Security architecture					
Rel-5	current version: 5.1.0	WG (prime / other): S3 / -	rapporteur: BLOMMAERT, Marc	SIEMENS ATEA NV		
	freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):					
	SP-16 19/06/2002 5 . 0 . 0	get it	remarks - general:			
	SP-18 18/12/2002 5 . 1 . 0	get it	remarks - this release: .			
TS 33.106	Lawful interception requirements					
Rel-5	current version: 5.1.0	WG (prime / other): S3 / -	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):					
	SP-11 04/04/2001 5 . 0 . 0	get it	remarks - general:			
	SP-17 18/09/2002 5 . 1 . 0	get it	remarks - this release:			
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-5	current version: 5.5.0	WG (prime / other): S3 / -	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting: SP-15	G: U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):					
	SP-12 04/07/2001 5 . 0 . 0	get it	remarks - general:			
	SP-14 07/01/2002 5 . 1 . 0	get it	remarks - this release: .			
	SP-15 26/03/2002 5 . 2 . 0	get it				
	edito post SP-15 15/04/2002 5 . 2 . 1	get it	Corrects change history.			
	SP-16 19/06/2002 5 . 3 . 0	get it				
	SP-17 18/09/2002 5 . 4 . 0	get it				
	SP-18 18/12/2002 5 . 5 . 0	get it				
TS 33.108	3G security; Handover interface for Lawful Interception (LI)					
Rel-5	current version: 5.2.0	WG (prime / other): S3 /	rapporteur: WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting: SP-16	G: U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):					
	SP-15 19/03/2002 1 . 0 . 0	get it	remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core network			
	SP-16 2 . 0 . 0		remarks - this release: . 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				

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/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	<i>G:</i> 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	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	<i>remarks - general:</i>								
	<i>remarks - this release:</i> .								
<hr/>									
TS 33.203	3G security; Access security for IP-based services								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> BOMAN, Krister	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	SP-13	03/10/2001	0 . 4 . 0	anticipate v2.0.0 at SP-15	get it	<i>remarks - general:</i>			
	SP-14	02/01/2002	1 . 0 . 0	SP-010624	get it	<i>remarks - this release:</i>			
	SP-15	19/03/2002	2 . 0 . 0	SP-020116	get it				
	SP-15	26/03/2002	5 . 0 . 0	But CR at SP-15 to correct reference to SIP.	get it				
	SP-15	26/03/2002	5 . 1 . 0		get it				
	SP-16	19/06/2002	5 . 2 . 0		get it				
	SP-17	18/09/2002	5 . 3 . 0		get it				
	SP-18	18/12/2002	5 . 4 . 0		get it				
<hr/>									
TS 33.210	3G security; Network Domain Security (NDS); IP network layer security								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> KOIEN, Geir	Telenor AS					
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	SP-14	02/01/2002	1 . 0 . 0	SP-010623	get it	<i>remarks - general:</i>	2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).		
	SP-15	19/03/2002	2 . 0 . 0	SP-020117	get it	<i>remarks - this release:</i>			
	SP-15	26/03/2002	5 . 0 . 0		get it				
	SP-16	19/06/2002	5 . 1 . 0		get it				
	SP-18	18/12/2002	5 . 2 . 0		get it				

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

TR 33.900 Guide to 3G security
Rel-5 *current version:* 0.4.1 DRAFT *WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
draft 0 . 4 . 1 v number seems to have restarted. Not *remarks - general:*
uploaded for fear of confusion. *remarks - this release:* .

TR 33.903 Access Security for IP based services
Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* VACANT,
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version, comments):
remarks - general:
remarks - this release: .

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

TS 34.109 Terminal logical test interface; Special conformance testing functions
Rel-5 *current version:* 5.2.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* . Stable, so txfered from T1 to R2.
RP-18 13/01/2003 5 . 2 . 0 [get it](#)

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification
Rel-5 *current version:* 5.2.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version, comments):
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
corrects page 24/06/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
headers
TP-17 10/09/2002 5 . 1 . 0 [get it](#)
edito post TP-17 20/09/2002 5 . 1 . 1 [get it](#) There were two annexes C !
TP-18 18/12/2002 5 . 2 . 0 [get it](#)

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

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

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

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

history (event, available, version, comments):

TP-16	19/06/2002	5	.	0	.	0	get it <i>remarks - general:</i>
TP-17	10/09/2002	5	.	1	.	0	get it <i>remarks - this release:</i> .
TP-18	18/12/2002	5	.	2	.	0	get it

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

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

history (event, available, version, comments):

RP-15	03/04/2002	5	.	0	.	0	get it <i>remarks - general:</i> T1->R4@TSG#10
RP-17	02/10/2002	5	.	1	.	0	get it <i>remarks - this release:</i> .
RP-18	10/01/2003	5	.	2	.	0	get it

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-15	02/04/2002	5	.	0	.	0	get it <i>remarks - general:</i> Plan approved TSG#7 TP-000036). T1->R4@TSG#10 <i>remarks - this release:</i> .
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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 <i>remarks - general:</i> ex SAGE; supplied by ETSI under licence <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 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	<i>G:</i> 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	<i>G:</i> 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	<i>G:</i> 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								
Rel-5	<i>current version:</i> 1: General	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael				
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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								
Rel-5	<i>current version:</i> 2: Algorithm specification	5.0.0	<i>WG (prime / other):</i> S3	/-	<i>rapporteur:</i> WALKER, Michael				
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> ex SAGE						
			<i>remarks - this release:</i> .						

G = required in systems with GERAN 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 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document
Rel-5 *current version: 3: Implementors' test data* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-15 G: U: yes MCC: POPE, Maurice
history (event, available, version, comments):
SP-16 24/06/2002 5 . 0 . 0 [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 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
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 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
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
freeze_meeting: SP-15 G: yes U: MCC: POPE, Maurice One

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 access; U = required in systems with UMTS access.

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

TR 41.033 Lawful Interception requirements for GSM

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

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

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

TS 41.103 GSM Release 5 specifications

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

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

SP-12 0 . 0 . 0 SP-010278
SP-12 05/07/2001 0 . 1 . 0 SP-010384
SP-13 01/10/2001 1 . 0 . 0 SP-010421
SP-15 19/03/2002 1 . 1 . 0 SP-020098
SP-15 19/03/2002 1 . 2 . 0 SP-020203
SP-16 2 . 0 . 0 SP-020271
SP-16 2 . 1 . 0 SP-020398
SP-16 2 . 2 . 0 SP-020410
SP-16 19/06/2002 5 . 0 . 0
SP-17 18/09/2002 5 . 1 . 0
SP-18 03/01/2003 5 . 2 . 0

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

[get it](#)

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[get it](#)

[get it](#)

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

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-15
history (event, available, version, comments):
TP-12 06/07/2001 5 . 0 . 0

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

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

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

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

TS 42.033	Lawful Interception; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	G: yes U:	<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 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<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> Was 22.043 at Rel99.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 42.068	Voice Group Call Service (VGCS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<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>			
	correct title line 22/10/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<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>			
	post SP-16 edito to 29/07/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
	history box					

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

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

TR 43.005 Technical performance objectives

Rel-5 *current version:* 5.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-16 04/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 43.010 GSM Public Land Mobile Network (PLMN) connection types

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-15 20/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 17/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-18 06/01/2003 5 . 2 . 0 [get it](#)

TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 43.019 Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2

Rel-5 *current version:* 5.5.0 *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 12/11/2001 5 . 0 . 0 [get it](#) *remarks - general:* For test spec, see 51.013.
fix annexed library 21/11/2001 5 . 0 . 1 [get it](#) *remarks - this release:* .
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](#)

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

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ACTIVE specs Rel-5 43 .- series
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TS 43.033	Lawful Interception; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
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TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-15 20/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-03 15/02/2001 5 . 0 . 0	get it	<i>remarks - general:</i>	Originally created as 03.51r00		
	GP-04 20/04/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-05 28/06/2001 5 . 2 . 0	get it				
	GP-06 01/10/2001 5 . 3 . 0	get it				
	GP-07 04/01/2002 5 . 4 . 0	get it				
	GP-08 19/02/2002 5 . 5 . 0	get it				
	GP-09 06/05/2002 5 . 6 . 0	get it				
	GP-11 19/09/2002 5 . 7 . 0	get it				
	GP-12 03/01/2003 5 . 8 . 0	get it				

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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>freeze_meeting:</i> GP-10	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> GIRAUD, Alexis <i>MCC:</i> USAI, Paolino		ALCATEL S.A.	
	<i>history (event, available, version, comments):</i> GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-10	<i>WG (prime / other):</i> G1 / G2 G: yes U:	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis <i>MCC:</i> USAI, Paolino		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i> GP-10 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> MONFORT, Jean-Yves <i>MCC:</i> USAI, Paolino		France Telecom	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN					
Rel-5	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> LIVINGSTON, Margaret <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> GP-06 01/10/2001 5 . 0 . 0 GP-07 04/01/2002 5 . 1 . 0 GP-08 19/02/2002 5 . 2 . 0 GP-09 06/05/2002 5 . 3 . 0	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 43.064	Overall description of the GPRS radio interface; Stage 2					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> LEPPISAARI, Arto <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> GP-09 06/05/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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ACTIVE specs Rel-5 43 .- series
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TS 43.068	Voice Group Call Service (VGCS); Stage 2								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)		
	<i>freeze_meeting:</i> NP-15		G: yes U:		<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>								
	NP-16 19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
post NP-16 edito	28/06/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .				
	NP-17 17/09/2002	5 . 1 . 0		get it					
	NP-18 18/12/2002	5 . 2 . 0		get it					
<hr/>									
TS 43.069	Voice Broadcast service (VBS); Stage 2								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)		
	<i>freeze_meeting:</i> NP-15		G: yes U:		<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>								
	NP-16 19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
post NP-16 edito	28/06/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .				
	NP-17 17/09/2002	5 . 1 . 0		get it					
	NP-18 18/12/2002	5 . 2 . 0		get it					
<hr/>									
TS 43.073	Support of Localised Service Area (SoLSA); Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB		
	<i>freeze_meeting:</i> SP-16		G: yes U:		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	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> .				
<hr/>									
TS 43.130	Iur-g interface; Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -		<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis		VODAFONE Group Plc		
	<i>freeze_meeting:</i> GP-11		G: yes U:		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	GP-11 16/09/2002	5 . 0 . 0	Technically identical to TR.43,930 v5.1.0	get it	<i>remarks - general:</i> Created identical to last version of 43.930. Also moved from G2 to G1.				
					<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 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 *WG (prime / other):* G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

remarks - general: 2002-09-03: Transferred from G2 to G1.
remarks - this release: 2003-01-14: WG Secretary reports that this doc is unlikely to be completed.

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

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-5 *current version:* 5.0.0 *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
edito 17/12/2002 5 . 0 . 1

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

TS 44.004 Layer 1 - General Requirements

Rel-5 *current version:* 5.2.0 *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
GP-07 08/01/2002 5 . 1 . 0
GP-09 06/05/2002 5 . 2 . 0

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

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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	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<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-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .		
<hr/>					
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-11	<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-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 44.012	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface				
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / N2	<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-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)		
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .		
<hr/>					
TS 44.013	Performance Requirements on Mobile Radio Interface				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris JORGENSEN, Per Johan	VODAFONE Group Plc	
		G: yes U:	<i>MCC:</i>		
	<i>history (event, available, version, comments):</i>				
	NP-16 20/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 44.014	Individual equipment type requirements and interworking; Special conformance testing functions				
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> GP-11	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew THOMASEN, Gert	MOTOROLA Ltd	
		G: yes U:	<i>MCC:</i>		
	<i>history (event, available, version, comments):</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-13 21/02/2003 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 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

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

history (event, available, version, comments):

GP-04	04/05/2001	5 . 0 . 0	get it	<i>remarks - general:</i>
GP-05	18/06/2001	5 . 1 . 0	get it	<i>remarks - this release: .</i>
GP-06	10/09/2001	5 . 2 . 0	get it	
GP-07	08/01/2002	5 . 3 . 0	get it	
GP-08	19/02/2002	5 . 4 . 0	get it	
GP-09	02/05/2002	5 . 5 . 0	get it	
GP-10	19/07/2002	5 . 6 . 0	get it	
GP-11	16/09/2002	5 . 7 . 0	get it	
GP-12	17/12/2002	5 . 8 . 0	get it	
GP-13	21/02/2003	5 . 9 . 0	get it	

TS 44.021 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-14	11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
post NP-17 -	02/10/2002	5 . 0 . 1	get it	<i>remarks - this release: .</i>
replace illegible figures				
NP-17	18/09/2002	5 . 1 . 0	get it	
post NP-17 -	02/10/2002	5 . 1 . 1	get it	
replace illegible figures				
NP-18	06/01/2003	5 . 2 . 0	get it	

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* G2 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

GP-06	14/09/2001	5 . 0 . 0	get it	<i>remarks - general:</i>
GP-07	08/01/2002	5 . 1 . 0	get it	<i>remarks - this release: .</i>
GP-08	19/02/2002	5 . 2 . 0	get it	
GP-09	02/05/2002	5 . 3 . 0	get it	
GP-10	19/07/2002	5 . 4 . 0	get it	
GP-11	16/09/2002	5 . 5 . 0	get it	

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

TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods
Rel-5	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> GP-11
	<i>WG (prime / other):</i> G2 / - <i>G: yes U:</i>
	<i>rapporteur:</i> GARAPATY, Sonia Nortel Networks (USA) <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</i>
	GP-11 27/09/2002 5 . 0 . 0 edito 17/12/2002 5 . 0 . 1
	get it <i>remarks - general:</i> 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>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N1 / - <i>G: yes U:</i>
	<i>rapporteur:</i> HUPPERICH, Peter ALCATEL S.A. <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>freeze_meeting:</i> NP-15
	<i>WG (prime / other):</i> N1 / - <i>G: yes U:</i>
	<i>rapporteur:</i> HUPPERICH, Peter ALCATEL S.A. <i>MCC:</i> JORGENSEN, Per Johan
	<i>history (event, available, version, comments):</i>
	NP-16 20/06/2002 5 . 0 . 0
	get it <i>remarks - general:</i> <i>remarks - this release:</i> .

TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
Rel-5	<i>current version:</i> 5.5.0 <i>freeze_meeting:</i> GP-09
	<i>WG (prime / other):</i> G2 / - <i>G: yes U:</i>
	<i>rapporteur:</i> BLACK, Jyoti MOTOROLA <i>MCC:</i> THOMASEN, Gert
	<i>history (event, available, version, comments):</i>
	GP-08 19/02/2002 5 . 0 . 0 GP-09 03/05/2002 5 . 1 . 0 edito post GP-09 28/05/2002 5 . 1 . 1 GP-10 19/07/2002 5 . 2 . 0 GP-11 16/09/2002 5 . 3 . 0 GP-12 17/12/2002 5 . 4 . 0 GP-13 21/02/2003 5 . 5 . 0
	get it <i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System get it <i>remarks - this release:</i> . (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol 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 44 .- series
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TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S					
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	NP-14	04/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-15	19/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .			
<hr/>									
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S					
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	NP-16	19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.			
						<i>remarks - this release:</i> .			
<hr/>									
TS 44.068	Group Call Control (GCC) Protocol								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	NP-16	19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	post NP-16 edito	26/06/2002	5 . 0 . 1	Correct faulty styles / clause numbering	get it	<i>remarks - this release:</i> .			
<hr/>									
TS 44.069	Broadcast Call Control (BCC) protocol								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	NP-16	19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			
<hr/>									
TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-11	G: yes U:	Skov						
			<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> .			

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 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol lu mode								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> VIRTEJ, Iuliana	NOKIA Corporation					
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i>								
	GP-08	20/03/2002	1 . 1 . 0	GP-020289	get it	<i>remarks - general:</i>			
	draft	26/03/2002	1 . 2 . 0		get it	<i>remarks - this release:</i> .			
	GP-08	27/03/2002	1 . 3 . 0	GP-02794	get it				
	draft	07/05/2002	1 . 4 . 0		get it				
	GP-10	19/07/2002	5 . 0 . 0		get it				
	GP-11	19/09/2002	5 . 1 . 0		get it				
	GP-12	17/12/2002	5 . 2 . 0		get it				
	GP-13	21/02/2003	5 . 3 . 0		get it				

TS 44.160	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i>								
	GP-09	22/04/2002	0 . 2 . 0	GP-020803	get it	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2.			
	GP-10	19/07/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .			
	GP-11	19/09/2002	5 . 1 . 0		get it				
	GP-12	17/12/2002	5 . 2 . 0		get it				
	GP-13	21/02/2003	5 . 3 . 0		get it				

TR 44.901	External network assisted cell change (NACC)								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BACKLUND, Ingemar	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i>								
	GP-06		0 . 4 . 0			<i>remarks - general:</i>			
	GP-08	04/04/2002	0 . 7 . 0	GP-020220	get it	<i>remarks - this release:</i> .			
	GP-08	04/04/2002	1 . 0 . 0	GP-020427	get it				
	GP-08	19/03/2002	2 . 0 . 0	GP-020491	get it				
	GP-08	26/03/2002	5 . 0 . 0		get it				
	GP-09	06/05/2002	5 . 1 . 0		get it				

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

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ACTIVE specs Rel-5 45 .- series
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TS 45.001 Physical layer on the radio path; General description

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

history (event, available, version, comments):

GP-03	15/02/2001	5	.	0	.	0	get it <i>remarks - general:</i>
GP-06	01/10/2001	5	.	1	.	0	get it <i>remarks - this release:</i>
GP-07	04/01/2002	5	.	2	.	0	get it
GP-09	06/05/2002	5	.	3	.	0	get it
GP-10	19/07/2002	5	.	4	.	0	get it
GP-12	03/01/2003	5	.	5	.	0	get it

TS 45.002 Multiplexing and Multiple Access on the Radio Path

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

history (event, available, version, comments):

GP-03	15/02/2001	5	.	0	.	0	get it <i>remarks - general:</i>
edito	27/02/2001	5	.	0	.	1	get it <i>remarks - this release:</i>
GP-04	20/04/2001	5	.	1	.	0	get it
GP-06	01/10/2001	5	.	2	.	0	get it
GP-07	04/01/2002	5	.	3	.	0	get it
GP-08	19/02/2002	5	.	4	.	0	get it
GP-09	06/05/2002	5	.	5	.	0	get it
GP-10	19/07/2002	5	.	6	.	0	get it
GP-12	03/01/2003	5	.	7	.	0	get it
GP-13	21/02/2003	5	.	8	.	0	get it

G = required in systems with GERAN access; 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 45.003	Channel coding					
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		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	06/02/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	
	GP-05	28/06/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>	
	GP-06	01/10/2001	5 . 2 . 0	get it		
	GP-07	04/01/2002	5 . 3 . 0	get it		
	GP-08	19/02/2002	5 . 4 . 0	get it		
	GP-09	06/05/2002	5 . 5 . 0	get it		
	GP-10	19/07/2002	5 . 6 . 0	get it		

TS 45.004	Modulation					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation
	<i>freeze_meeting:</i> GP-09		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	GP-07	04/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
	GP-10	19/07/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .	

TS 45.005	Radio transmission and reception					
Rel-5	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats		
	<i>freeze_meeting:</i> GP-09		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>					
	GP-05	28/06/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	
	GP-06	01/10/2001	5 . 1 . 0	get it	<i>remarks - this release:</i> .	
	GP-07	04/01/2002	5 . 2 . 0	get it		
	GP-09	06/05/2002	5 . 3 . 0	get it		
	GP-10	19/07/2002	5 . 4 . 0	get it		
	GP-11	19/09/2002	5 . 5 . 0	get it		
	GP-12	03/01/2003	5 . 6 . 0	get it		
	GP-13	21/02/2003	5 . 7 . 0	get it		

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

TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.9.0 *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	15/02/2001	5	.	0	.	0
GP-04	20/04/2001	5	.	1	.	0
GP-05	28/06/2001	5	.	2	.	0
GP-06	01/10/2001	5	.	3	.	0
GP-07	04/01/2002	5	.	4	.	0
GP-08	19/02/2002	5	.	5	.	0
GP-09	06/05/2002	5	.	6	.	0
GP-10	19/07/2002	5	.	7	.	0
GP-11	19/09/2002	5	.	8	.	0
GP-13	21/02/2003	5	.	9	.	0

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

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

TS 45.010 Radio subsystem synchronization

Rel-5 *current version:* 5.2.0 *freeze_meeting:* GP-10
WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-10	19/07/2002	5	.	0	.	0
GP-11	19/09/2002	5	.	1	.	0
GP-13	21/02/2003	5	.	2	.	0

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

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

TR 45.022	Radio link management in hierarchical networks				
Rel-5	<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 Lab 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

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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

TS 46.002	Half Rate Speech Processing Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino			NORTEL NETWORKS (EUROPE)
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> SERENO, Daniele <i>MCC:</i> USAI, Paolino			TELECOM ITALIA S.p.A.
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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
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TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 46.051	GSM Enhanced full rate speech processing functions: General description					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		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 46.053	ANSI-C code for the GSM Enhanced full rate speech codec				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino		T-MOBILE DEUTSCHLAND
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		

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

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
<i>history (event, available, version, comments):</i> SP-16 28/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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

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

TS 48.001 General Aspects on the BSS-MSC Interface

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release: .*

TS 48.002 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-04 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-09 06/05/2002 5 . 1 . 0 [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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release: .*

TS 48.006 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

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

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

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

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

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

history (event, available, version, comments):

GP-04	04/05/2001	5	.	0	.	0
GP-05	19/06/2001	5	.	1	.	0
GP-06	14/09/2001	5	.	2	.	0
GP-07	08/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0
GP-11	16/09/2002	5	.	7	.	0
GP-12	18/12/2002	5	.	8	.	0

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

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

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 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 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 Skov

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

history (event, available, version, comments):

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

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

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

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

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	GP-06 10/09/2001	5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 08/01/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-08 19/02/2002	5 . 2 . 0	get it			
	GP-09 06/05/2002	5 . 3 . 0	get it			
	GP-10 19/07/2002	5 . 4 . 0	get it			
	GP-11 16/09/2002	5 . 5 . 0	get it			
	edito 17/12/2002	5 . 5 . 1	get it			
	GP-13 21/02/2003	5 . 6 . 0	get it			

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-14 11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-17 18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-18 09/01/2003	5 . 2 . 0	get it			

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-10 19/07/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TS 48.051	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11	G: yes U:	<i>MCC:</i> THOMASEN, Gert	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-11 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 17/12/2002	5 . 0 . 1	get it	<i>remarks - this release:</i> .		

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

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

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

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 Skov
THOMASEN, Gert
G: yes *U:* *MCC:*

history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 48.054 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits

Rel-5 *current version:* 5.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 Skov
THOMASEN, Gert
G: yes *U:* *MCC:*

history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 17/12/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 48.056 Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-11 Skov
THOMASEN, Gert
G: yes *U:* *MCC:*

history (event, available, version, comments):
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09 Skov
THOMASEN, Gert
G: yes *U:* *MCC:*

history (event, available, version, comments):
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-06 10/09/2001 5 . 2 . 0 [get it](#)
GP-07 08/01/2002 5 . 3 . 0 [get it](#)
GP-08 19/02/2002 5 . 4 . 0 [get it](#)
GP-09 06/05/2002 5 . 5 . 0 [get it](#)
GP-10 19/07/2002 5 . 6 . 0 [get it](#)

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

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

TS 48.060	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> 5.0.1	<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>	.	

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

TR 49.001	General network interworking scenarios				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15	G: yes U:	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>	.	

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

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

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
freeze_meeting: NP-15

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 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-09

G: yes *U:* *MCC:* 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 access; U = required in systems with UMTS access.

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ACTIVE specs Rel-5 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

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

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

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

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

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

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

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

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

TS 51.013 Test specification for SIM API for Java card

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

history (event, available, version, comments):

remarks - general:

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

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

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ACTIVE specs Rel-5 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.021 GSM radio aspects base station system equipment specification

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
GP-12 03/01/2003 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-13 21/02/2003 5 . 2 . 0 [get it](#)

TS 51.026 GSM Repeater Equipment Specification

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Rel-5 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021 Network Management (NM) Procedures and Messages on the A-bis Interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
remarks - general: SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

G = required in systems with GERAN 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

Rel-4

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

TS 21.102	3rd Generation mobile system Release 4 specifications					
Rel-4	current version: 4.7.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-08 30/06/2000		1 . 0 . 0	get it	remarks - general:	
	SP-10 04/01/2001		1 . 1 . 0	get it	remarks - this release:	
	SP-11 11/04/2001		4 . 0 . 0	get it		
	SP-12 05/07/2001		4 . 1 . 0	get it		
	SP-13 01/10/2001		4 . 2 . 0	get it		
	SP-14 03/01/2002		4 . 3 . 0	get it		
	SP-15 27/03/2002		4 . 4 . 0	get it		
	SP-16 19/06/2002		4 . 5 . 0	get it		
	SP-17 18/09/2002		4 . 6 . 0	get it		
	SP-18 03/01/2003		4 . 7 . 0	get it		
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.
TS 21.133	3G security; Security threats and requirements					
Rel-4	current version: 4.1.0	WG (prime / other):	S3 / -	rapporteur:	CHRISTOFFERSSON, Per	Telia Promotor AB
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-11 09/04/2001		4 . 0 . 0	get it	remarks - general:	
	SP-14 07/01/2002		4 . 1 . 0	get it	remarks - this release:	

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

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

TR 21.801	Specification drafting rules					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-08 28/06/2000 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-08 30/06/2000 4 . 0 . 0	get it	<i>remarks - this release:</i> Formal doc created after TSG#7. (Was briefly 21.200)			
	SP-11 11/04/2001 4 . 1 . 0	get it				
	SP-13 01/10/2001 4 . 2 . 0	get it				
	SP-15 27/03/2002 4 . 3 . 0	get it				

TR 21.900	Technical Specification Group working methods					
Rel-4	<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> SP-11	G: yes 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>			
			<i>remarks - this release:</i>			

TR 21.905	Vocabulary for 3GPP Specifications					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd		
	<i>freeze_meeting:</i> SP-11	G: 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>			
	SP-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> Absorbs 01.04.			
	SP-11 02/04/2001 4 . 2 . 0	get it				
	SP-12 27/06/2001 4 . 3 . 0	get it				
	SP-13 05/10/2001 4 . 4 . 0	get it				

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

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 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation
history (event, available, version, comments):						
	SP-09 18/10/2000 4 . 0 . 0	get it	remarks - general:	Transfer>TSG#5		
	SP-10 08/01/2001 4 . 1 . 0	get it	remarks - this release:			
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				
<hr/>						
TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited
history (event, available, version, comments):						
	SP-09 18/10/2000 4 . 0 . 0	get it	remarks - general:	Transfer>TSG#4		
	SP-11 02/04/2001 4 . 1 . 0	get it	remarks - this release:			
	SP-12 27/06/2001 4 . 2 . 0	get it				
<hr/>						
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)					
Rel-4	current version: 4.3.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation
history (event, available, version, comments):						
	SP-07 17/03/2000 4 . 0 . 0	get it	remarks - general:	Transfer>TSG#5		
	SP-10 08/01/2001 4 . 1 . 0	get it	remarks - this release:			
	SP-12 27/06/2001 4 . 2 . 0	get it				
	SP-15 25/03/2002 4 . 3 . 0	get it				
<hr/>						
TS 22.004	General on supplementary services					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited
history (event, available, version, comments):						
	SP-11 02/04/2001 4 . 0 . 0	get it	remarks - general:	Transfer>TSG#4		
	SP-15 25/03/2002 4 . 1 . 0	get it	remarks - this release:			
	SP-16 04/07/2002 4 . 2 . 0	get it				

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

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

TS 22.011	Service accessibility					
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLAIRE, Jean Paul	France Telecom		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-07 17/03/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-08 28/06/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-09 18/10/2000 4 . 2 . 0	get it				
	SP-11 02/04/2001 4 . 3 . 0	get it				
	SP-12 27/06/2001 4 . 4 . 0	get it				
	SP-14 10/01/2002 4 . 5 . 0	get it				
	SP-15 25/03/2002 4 . 6 . 0	get it				
	SP-16 04/07/2002 4 . 7 . 0	get it				
	SP-17 17/09/2002 4 . 8 . 0	get it				
<hr/>						
TS 22.016	International Mobile Equipment Identities (IMEI)					
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> TSG#8: CR proposed creation, but not aprvd.			
	SP-16 04/07/2002 4 . 2 . 0	get it				
	edito post SP-16 19/07/2002 4 . 2 . 1 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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-16 19/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.024	Description of Charge Advice Information (CAI)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
			<i>remarks - this release:</i>			

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TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	G: yes U: yes	<i>rapporteur:</i> TOIVANEN, Annukka <i>MCC:</i> CLAYTON, Michael	NOKIA Corporation				
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0					get it <i>remarks - general:</i> Transfer>TSG#4 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>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 /	G: yes U: yes	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One				
	<i>history (event, available, version, comments):</i> SP-18 06/01/2003 4 . 0 . 0	Technically identical to 42.031 v4.0.0.				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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 /	G: yes U: yes	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One				
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	G: yes U: yes	<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael	NOKIA Corporation				
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0 SP-16 04/07/2002 4 . 1 . 0					get it <i>remarks - general:</i> Transfer>TSG#4 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> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	G: yes U: yes	<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael	Research In Motion Limited				
	<i>history (event, available, version, comments):</i> SP-09 18/10/2000 4 . 0 . 0 SP-10 08/01/2001 4 . 1 . 0					get it <i>remarks - general:</i> Transfer>TSG#4 get it <i>remarks - this release:</i>			

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TS 22.041	Operator Determined Call Barring					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-10 08/01/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-11 02/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.048	Security Mechanisms for the (U)SIM application toolkit; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-12	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-12 06/07/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TP-12: was previously 42.048.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4.			
	SP-03 23/04/1999 0 . 1 . 1	get it	<i>remarks - this release:</i>			
	SP-11 10/04/2001 4 . 0 . 0	get it				
	edito 01/10/2001 4 . 0 . 1	get it				
<hr/>						
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> Environment (MExE); Stage 1".			

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

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TS 22.072	Call Deflection (CD); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.076	Noise suppression for the AMR codec; Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 01/10/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel		Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-09 29/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 02/04/2001 4 . 2 . 0	get it				
	SP-12 27/06/2001 4 . 3 . 0	get it				
	SP-14 10/01/2002 4 . 4 . 0	get it				
	SP-15 25/03/2002 4 . 5 . 0	get it				
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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TS 22.081	Line Identification supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas		Indicate persons who left Company and wait for new One	
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom	
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
		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 (MPY) supplementary service; Stage 1					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
		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 22.085	Closed User Group (CUG) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			

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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian		T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0 SP-15 25/03/2002 4 . 1 . 0	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i> Transfer>TSG#4			
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.094	Follow Me service description - Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> Apr2001: V3 unwithdrawn, so Rel-4 version produced.			
<hr/>						
TS 22.096	Name identification supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			

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

TS 22.101	Service aspects; Service principles					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-08 28/06/2000 4 . 0 . 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		
<hr/>						
TS 22.105	Services and service capabilities					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne			France Telecom
	<i>freeze_meeting:</i> SP-11	<i>G:</i> 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>	
	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		
<hr/>						
TS 22.115	Service Aspects Charging and billing					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele			TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke			FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-04 18/10/2000 4 . 0 . 0			get it	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage	
	SP-11 02/04/2001 4 . 1 . 0			get it	<i>remarks - this release:</i> 1". SP-16: converted from TS to TR.	
	SP-16 19/07/2002 4 . 1 . 1			get it		Converted from TS to TR.

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

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

draft		0	.	1	.	0
draft		0	.	2	.	0
draft		0	.	3	.	0
draft		0	.	4	.	0
draft		0	.	5	.	0
SP-09	28/09/2000	1	.	0	.	0
draft		1	.	0	.	1
draft		1	.	1	.	0
draft		1	.	1	.	0
draft		1	.	2	.	0
SP-10		2	.	0	.	0
SP-10	12/01/2001	4	.	0	.	0
SP-11	02/04/2001	4	.	1	.	0
SP-12	27/06/2001	4	.	2	.	0
SP-14	10/01/2002	4	.	3	.	0
SP-15	28/03/2002	4	.	4	.	0

[get it](#)

remarks - general:
remarks - this release:

SP-000551

[get it](#)

[get it](#)

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[get it](#)

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-09	18/10/2000	4	.	0	.	0
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-14	10/01/2002	4	.	4	.	0

[get it](#)

remarks - general:
remarks - this release:

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

TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-11	02/04/2001	4	.	0	.	0	get it <i>remarks - general:</i>
SP-15	27/03/2002	4	.	1	.	0	get it <i>remarks - this release:</i>
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 <i>remarks - general:</i> (development in T2)
SP-05	08/10/1999	1	.	0	.	0	get it <i>remarks - this release:</i> based on 3.0.0
SP-06	17/12/1999	2	.	0	.	0	get it
SP-08		4	.	0	.	0	
SP-08	28/06/2000	4	.	0	.	1	get it
SP-11	02/04/2001	4	.	1	.	0	get it
SP-15	28/03/2002	4	.	2	.	0	get it
SP-18	07/01/2003	4	.	3	.	0	get it

Rel-4 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002	Network architecture					
Rel-4	current version: 4.6.0 freeze_meeting: SP-11	WG (prime / other): S2 / - G: yes U: yes	rapporteur: SULTAN, Alain MCC: YOON, Sang-Ui	SOURCE COM		
	history (event, available, version, comments):					
	SP-09 18/10/2000 4 . 0 . 0	get it	remarks - general: Transfer>TSG#4,CR at TSG#5			
	SP-10 21/12/2000 4 . 1 . 0	get it	remarks - this release:			
	SP-11 06/04/2001 4 . 2 . 0	get it				
	SP-12 29/06/2001 4 . 3 . 0	get it				
	SP-14 07/01/2002 4 . 4 . 0	get it				
	SP-17 24/09/2002 4 . 5 . 0	get it				
	SP-18 10/01/2003 4 . 6 . 0	get it				
<hr/>						
TS 23.003	Numbering, Addressing and Identification					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD		
	history (event, available, version, comments):					
	NP-11 02/04/2001 4 . 0 . 0	get it	remarks - general:			
	NP-12 27/06/2001 4 . 1 . 0	get it	remarks - this release:			
	NP-13 03/10/2001 4 . 2 . 0	get it				
	NP-14 11/01/2002 4 . 3 . 0	get it				
	NP-16 21/06/2002 4 . 4 . 0	get it				
	NP-17 17/09/2002 4 . 5 . 0	get it				
<hr/>						
TS 23.007	Restoration procedures					
Rel-4	current version: 4.1.1 freeze_meeting: SP-11	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD		
	history (event, available, version, comments):					
	NP-11 04/04/2001 4 . 0 . 0	get it	remarks - general:			
	corrects references 24/06/2002 4 . 0 . 1	get it	remarks - this release:			
	NP-16 21/06/2002 4 . 1 . 0	get it				
	corrects references 24/09/2002 4 . 1 . 1	get it				

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ACTIVE specs Rel-4 23 .- series
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TS 23.008	Organisation of subscriber data					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL 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 28/03/2001 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-16 21/06/2002 4 . 2 . 0	get it				
<hr/>						
TS 23.009	Handover procedures					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<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>			
	NP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-13 05/10/2001 4 . 2 . 0	get it				
	NP-14 08/01/2002 4 . 3 . 0	get it				
	NP-16 20/06/2002 4 . 4 . 0	get it				
	NP-17 17/09/2002 4 . 5 . 0	get it				
	NP-18 02/01/2003 4 . 6 . 0	get it				
<hr/>						
TS 23.011	Technical realization of Supplementary Services					
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 23.012	Location management procedures					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	NP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Should not be in UMTS ????			
	NP-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.015	Technical realisation of Operator Determined Barring (ODB)					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>history (event, available, version, comments):</i>	G: yes U: yes	Chalmers			
	NP-11 02/04/2001 4 . 0 . 0	get it	<i>MCC:</i> KYMALAINEN, Kimmo			
	corrects references 24/06/2002 4 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.016	Subscriber data management; Stage 2					
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-15 28/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-16 21/06/2002 4 . 2 . 0	get it				
	NP-17 17/09/2002 4 . 3 . 0	get it				
<hr/>						
TS 23.018	Basic Call Handling; Technical realization					
Rel-4	<i>current version:</i> 4.6.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>history (event, available, version, comments):</i>	G: yes U: yes	Chalmers			
	NP-09 25/10/2000 4 . 0 . 0	get it	<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-10 21/12/2000 4 . 1 . 0	get it	<i>remarks - general:</i>			
	NP-11 06/04/2001 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	NP-12 27/06/2001 4 . 3 . 0	get it				
	NP-13 03/10/2001 4 . 4 . 0	get it				
	NP-14 16/01/2002 4 . 5 . 0	get it				
	NP-15 28/03/2002 4 . 6 . 0	get it				

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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: yes U: yes</i>	<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: yes U: yes</i>	<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 10/01/2003 4 . 1 . 1 correct figures	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> CARRION RODRIGO, Inmaculada	NOKIA Corporation		
		<i>G: yes U: yes</i>	<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: yes U: yes</i>	<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			

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TS 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-08	23/06/2000	4	.	0	.	0	get it	<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 Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	02/04/2001	4	.	0	.	0	get it	<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:* 4.7.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-08	23/06/2000	4	.	0	.	0	get it	<i>remarks - general:</i>
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	

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-11	06/04/2001	4	.	0	.	0	get it	<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	

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TS 23.042	Compression algorithm for SMS					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	TP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	include test vector 17/10/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	file					
<hr/>						
TS 23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T3 / -	<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: 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				
<hr/>						
TS 23.053	Tandem Free Operation (TFO); Service description; Stage 2					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / S2	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-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				
<hr/>						
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	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				

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TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ZHAO, Yilin	MOTOROLA Ltd		
	<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 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-12 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-13 12/10/2001 4 . 2 . 0	get it				
	SP-14 08/01/2002 4 . 3 . 0	get it				
	edito 4 . 3 . 1	get it				
	SP-15 05/04/2002 4 . 4 . 0	get it				
	SP-16 17/06/2002 4 . 5 . 0	get it				
	SP-17 02/10/2002 4 . 6 . 0	get it				
	SP-18 10/01/2003 4 . 7 . 0	get it				
<hr/>						
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson		
	<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			
	corrects references 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
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>			

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TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): N2 / - G: yes U: yes	rapporteur: HOMANN, Christian MCC: JURISIC, Andrijana	ALCATEL SEL AG		
history (event, available, version, comments):						
	NP-11 02/04/2001 4 . 0 . 0	get it	remarks - general: CR at TSG#4,CR at TSG#5			
	NP-12 29/06/2001 4 . 1 . 0	get it	remarks - this release: Phase 3.			
	NP-13 03/10/2001 4 . 2 . 0	get it				
	NP-14 04/01/2002 4 . 3 . 0	get it				
	NP-15 19/03/2002 4 . 4 . 0	get it				
	NP-16 17/06/2002 4 . 5 . 0	get it				
	post NP-16 edito 19/06/2002 4 . 5 . 1	get it				
	NP-17 17/09/2002 4 . 6 . 0	get it				
	editorial correction 14/11/2002 4 . 6 . 1	get it	minor correction, no need for SDO publication			
	to cover page					
	NP-18 18/12/2002 4 . 7 . 0	get it				
<hr/>						
TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): N4 / - G: yes U: yes	rapporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo	VODAFONE LTD		
history (event, available, version, comments):						
	NP-11 04/04/2001 4 . 0 . 0	get it	remarks - general: CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 4 . 1 . 0	get it	remarks - this release: .			
	NP-18 07/01/2003 4 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N4 / - G: yes U: yes	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB		
history (event, available, version, comments):						
	NP-11 04/04/2001 4 . 0 . 0	get it	remarks - general:			
	NP-17 17/09/2002 4 . 1 . 0	get it	remarks - this release:			
<hr/>						

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 27/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 03/10/2001 4 . 2 . 0 [get it](#)
NP-16 21/06/2002 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-09 26/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 30/03/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
inclusion of missed 24/04/2001 4 . 2 . 0 [get it](#)
CR
NP-14 10/01/2002 4 . 3 . 0 [get it](#)

TS 23.084 MultiParty (MPPTY) Supplementary Service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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>			

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TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.094	Follow Me Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.096	Name Identification Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.101	General UMTS Architecture					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.107	Quality of Service (QoS) concept and architecture						
Rel-4	<i>current version:</i> 4.6.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S2 / - G: yes U: yes		<i>rapporteur:</i> GREIS, Marc <i>MCC:</i> YOON, Sang-Ui		NOKIA Corporation	
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / - G: yes U: yes		<i>rapporteur:</i> DOIG, Ian <i>MCC:</i> JORGENSEN, Per Johan		MOTOROLA S.A.S	
	<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.			
<hr/>							
TS 23.110	UMTS Access Stratum Services and Functions						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S2 / - G: yes U: yes		<i>rapporteur:</i> LOPEZ-TORRES, Oscar <i>MCC:</i> YOON, Sang-Ui		T-MOBILE DEUTSCHLAND	
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / - G: yes U: yes		<i>rapporteur:</i> ALLEN, Nicholas <i>MCC:</i> KYMALAINEN, Kimmo		Indicate persons who left Company and wait for new One	
	<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/>							

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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> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, 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				
<hr/>						
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD, Christophe	ERICSSON RESEARCH CANADA		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-09 06/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.			
	SP-11 06/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-12 29/06/2001 4 . 2 . 0	get it				
	SP-15 05/04/2002 4 . 3 . 0	get it				
<hr/>						
TS 23.135	Multicall supplementary service; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-09 25/10/2000 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 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-09	06/10/2000	4	.	0	.	0
TP-10	21/12/2000	4	.	1	.	0
TP-11	29/03/2001	4	.	2	.	0
TP-12	03/07/2001	4	.	3	.	0
TP-13	05/10/2001	4	.	4	.	0
TP-14	11/01/2002	4	.	5	.	0
TP-15	21/03/2002	4	.	6	.	0
TP-16	25/06/2002	4	.	7	.	0
TP-17	23/09/2002	4	.	8	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-06	17/12/1999	1	.	0	.	0
NP-07	17/03/2000	1	.	1	.	0
N3-10	25/05/2000	2	.	0	.	0
NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"

[get it](#)

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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 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

draft	14/01/2000	1	.	0	.	0		get it	<i>remarks - general:</i> New after TSG#5
NP-07	21/11/2000	2	.	0	.	0	argument in SA over r99 or r00] concl: not approved	get it	<i>remarks - this release:</i>
NP-10		2	.	3	.	0	NP-000653		
NP-10	09/01/2001	4	.	0	.	0		get it	
NP-11	04/04/2001	4	.	1	.	0		get it	
NP-12	27/06/2001	4	.	2	.	0		get it	
NP-13	03/10/2001	4	.	3	.	0		get it	
NP-14	10/01/2002	4	.	4	.	0		get it	
NP-17	18/09/2002	4	.	5	.	0		get it	
NP-18	09/01/2003	4	.	6	.	0		get it	

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-10	12/01/2001	1	.	0	.	1	N4-001104	get it	<i>remarks - general:</i> 2000-10: Rap change from Keutmann.
NP-11	30/03/2001	4	.	0	.	0		get it	<i>remarks - this release:</i>
NP-12	06/07/2001	4	.	1	.	0		get it	
NP-13	03/10/2001	4	.	2	.	0		get it	
NP-14	10/01/2002	4	.	3	.	0		get it	
NP-15	28/03/2002	4	.	4	.	0		get it	
NP-16	21/06/2002	4	.	5	.	0		get it	
NP-17	18/09/2002	4	.	6	.	0		get it	

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 23.221	Architectural requirements								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> DANIEL, Elizabeth		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	draft 07/11/2000	0 . 0 . 5		get it	<i>remarks - general:</i>	Derived from R99-specific 23.121			
	SP-10 31/01/2001	1 . 0 . 0	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					
<hr/>									
TS 23.227	Application and user interaction in the UE; Principles and specific requirements								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> TOMÉ, Olga		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>								
	draft 06/09/2000	0 . 1 . 0		get it	<i>remarks - general:</i>				
	TP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - this release:</i>				
	TP-14 11/01/2002	4 . 1 . 0		get it					
	TP-15 26/03/2002	4 . 2 . 0		get it					
<hr/>									
TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-4	<i>current version:</i> 4.8.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> KÁLL, Jan		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	draft 10/07/2000	0 . 1 . 0		get it	<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.			
	draft 14/09/2000	0 . 2 . 0		get it	<i>remarks - this release:</i>	post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).			
	SP-09 09/11/2000	1 . 0 . 0		get it					
	draft 22/11/2000	1 . 1 . 0		get it					
	SP-10	2 . 0 . 0	SP-000596						
	SP-10 27/02/2001	4 . 0 . 0		get it					
	SP-11 11/04/2001	4 . 1 . 0		get it					
	SP-12 02/07/2001	4 . 2 . 0		get it					
	SP-13 15/10/2001	4 . 3 . 0		get it					
	SP-14 07/01/2002	4 . 4 . 0		get it					
	SP-15 29/03/2002	4 . 5 . 0		get it					
	SP-16 18/06/2002	4 . 6 . 0		get it					
	SP-17 24/09/2002	4 . 7 . 0		get it					
	SP-18 09/01/2003	4 . 8 . 0		get it					

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.821	Architecture Principles for Release 2000						
Rel-4	<i>current version:</i> 1.0.1	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LIND, Christer		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	SP-08 28/06/2000 1 . 0 . 1		get it	<i>remarks - general:</i> New after TSG#5			
				<i>remarks - this release:</i>			
<hr/>							
TR 23.873	Feasibility study fro transport and control separation in the PS CN domain						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> IBANEZ, Juan-Antonio		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	draft 12/09/2000 0 . 2 . 0		get it	<i>remarks - general:</i>			
	draft 08/11/2000 0 . 3 . 0		get it	<i>remarks - this release:</i>			
	draft 20/11/2000 0 . 4 . 0		get it				
	SP-10 31/01/2001 1 . 0 . 0		get it				
	draft 30/12/2000 1 . 1 . 0		get it				
	SP-11 11/04/2001 4 . 0 . 0		get it				
<hr/>							
TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID						
Rel-4	<i>current version:</i> 1.3.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KITADA, Yoshinori		NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>						
	SP-09 1 . 0 . 0			<i>remarks - general:</i>			
	draft 08/11/2000 1 . 2 . 0		get it	<i>remarks - this release:</i> .			
	draft 24/11/2000 1 . 3 . 0		get it				

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.907	Quality of Service (QoS) concept							
Rel-4	<i>current version:</i> 1.2.0	DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>							
	draft 15/11/1998 0 . 1 . 0			get it	<i>remarks - general:</i>			
	draft 15/01/1999 0 . 2 . 0			get it	<i>remarks - this release:</i> .			
	draft 15/04/1999 0 . 3 . 0			get it				
	draft 30/04/1999 0 . 4 . 0			get it				
	draft 15/05/1999 0 . 5 . 0			get it				
	S2-05 30/05/1999 1 . 0 . 0			get it				
	draft 30/06/1999 1 . 1 . 0			get it				
	draft 15/07/1999 1 . 2 . 0			get it				

TR 23.908	Technical report on Pre-Paging							
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<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>			

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	<i>MCC:</i> 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>			
					<i>remarks - this release:</i>			

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

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ACTIVE specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.910	Circuit switched data bearer services					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)		
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-10 22/12/2000 4 . 1 . 0	get it				
	NP-11 06/04/2001 4 . 2 . 0	get it				
	NP-12 28/06/2001 4 . 3 . 0	get it				
	NP-14 11/01/2002 4 . 4 . 0	get it				
	NP-17 17/09/2002 4 . 5 . 0	get it				
	NP-18 06/01/2003 4 . 6 . 0	get it				
<hr/>						
TR 23.911	Technical report on Out-of-band transcoder control					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 23.912	Technical report on Super-Charger					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-14 10/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TR 23.925	UMTS Core network based ATM transport					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>	Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.		
			<i>remarks - this release:</i>			

G = required in systems with GERAN 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 *WG (prime / other):* S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
SP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *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](#) *remarks - general:*
remarks - this release:

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0 *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-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
NP-14 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-16 24/06/2002 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 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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

Rel-4 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-09	12/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be
NP-10	03/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	resolved till Jun00.
edito	09/01/2001	4 . 1 . 1	get it		
NP-11	06/04/2001	4 . 2 . 0	get it		
edito	06/07/2001	4 . 2 . 1	get it		replaces missing section of table
NP-12	13/07/2001	4 . 3 . 0	get it		
NP-13	04/10/2001	4 . 4 . 0	get it		
NP-14	09/01/2002	4 . 5 . 0	get it		
NP-15	21/03/2002	4 . 6 . 0	get it		
NP-16	24/06/2002	4 . 7 . 0	get it		
NP-17	17/09/2002	4 . 8 . 0	get it		
NP-18	18/12/2002	4 . 9 . 0	get it		

TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
NP-13	03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
NP-14	10/01/2002	4 . 2 . 0	get it		

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

Rel-4 *current version:* 4.1.1 *WG (prime / other):* N1 / T2 *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
NP-15	19/03/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>	
fix headers, restore missing figure	28/06/2002	4 . 1 . 1	get it		

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ACTIVE specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices						
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / - G: yes U: yes		<i>rapporteur:</i> KLEHN, Norbert <i>MCC:</i> BOSWARTHICK, David		SIEMENS AG	
<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".			
<hr/>							
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3						
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / - G: yes U: yes		<i>rapporteur:</i> GARAPATY, Sonia <i>MCC:</i> KYMALAINEN, Kimmo		Nortel Networks (USA)	
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / - G: yes U: yes		<i>rapporteur:</i> SCHMITT, Peter <i>MCC:</i> KYMALAINEN, Kimmo		SIEMENS AG	
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N4 / - G: yes U: yes		<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
<i>history (event, available, version, comments):</i>							
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	corrects references 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>				

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

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ACTIVE specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-14 10/01/2002 4 . 2 . 0	get it				
	NP-16 21/06/2002 4 . 3 . 0	get it				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	corrects references 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 24.082	Call Forwarding supplementary service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			

G = required in systems with GERAN 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 *current version:* 4.0.1 *freeze_meeting:* SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

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

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

Rel-4 *current version:* 4.0.1 *freeze_meeting:* SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

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

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

Rel-4 *current version:* 4.0.1 *freeze_meeting:* SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

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

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

Rel-4 *current version:* 4.0.2 *freeze_meeting:* SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1
correct history box 23/07/2002 4 . 0 . 2

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

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

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

Rel-4 *current version:* 4.0.1 *freeze_meeting:* SP-11
history (event, available, version, comments):
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1

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

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

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

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ACTIVE specs Rel-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 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 25.101 UE Radio transmission and reception (FDD)

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0	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	

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

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

Rel-4 *current version:* 4.7.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0	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	

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

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

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0	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	

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

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 25.105 UTRA (BS) TDD: Radio transmission and reception

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11

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

history (event, available, version, 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

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

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11

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

history (event, available, version, comments):

Start of work	01/08/2000	0	.	0	.	1
RP-09	13/10/2000	1	.	0	.	0
RP-10	21/12/2000	1	.	1	.	0
RP-11	10/04/2001	4	.	0	.	0
RP-13	10/10/2001	4	.	1	.	0
RP-16	01/07/2002	4	.	2	.	0
RP-17	02/10/2002	4	.	3	.	0
RP-18	10/01/2003	4	.	4	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[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](#)
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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 25.123 Requirements for support of radio resource management (TDD)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0
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	03/07/2002	4	.	5	.	0
RP-17	10/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0

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

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	17/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0
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

[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 25.142 Base station conformance testing (TDD)

Rel-4 *current version:* 4.7.0 *freeze_meeting:* SP-11
WG (prime / other): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	16/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 25.143 UTRA repeater; Conformance testing

Rel-4 *current version:* 4.6.0 *freeze_meeting:* RP-11
WG (prime / other): R4 / - *rapporteur:* KUMMETZ, Thomas MIKOM GmbH - Mikrotechnik zur Kommunikation
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

Start of work	01/08/2000	0	.	0	.	0
RP-09	12/10/2000	0	.	0	.	2
RP-10	21/12/2000	1	.	0	.	0
RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-15	19/03/2002	4	.	3	.	0
RP-16	03/07/2002	4	.	4	.	0
RP-17	02/10/2002	4	.	5	.	0
RP-18	10/01/2003	4	.	6	.	0

RP-000671

[get it](#) *remarks - general:* Created by renumbering 25.107
[get it](#) *remarks - this release:* Was to have been 25.107. But never was.
[get it](#)
[get it](#)
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[get it](#)

TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0 *freeze_meeting:* SP-11
WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

RP-11	05/04/2001	4	.	0	.	0
RP-14	09/01/2002	4	.	1	.	0
RP-15	29/03/2002	4	.	2	.	0
RP-16	28/06/2002	4	.	3	.	0

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

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001 4 . 2 . 0	get it				
	RP-14 09/01/2002 4 . 3 . 0	get it				
	RP-15 29/03/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	RP-17 27/09/2002 4 . 6 . 0	get it				

TS 25.212	Multiplexing and channel coding (FDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001 4 . 2 . 0	get it				
	RP-14 09/01/2002 4 . 3 . 0	get it				
	RP-15 29/03/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	RP-17 27/09/2002 4 . 6 . 0	get it				

TS 25.213	Spreading and modulation (FDD)					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>					
	RP-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-14 09/01/2002 4 . 2 . 0	get it				
	RP-16 28/06/2002 4 . 3 . 0	get it				

G = required in systems with GERAN 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 25.214	Physical layer procedures (FDD)					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC 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-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001 4 . 2 . 0	get it				
	RP-14 09/01/2002 4 . 3 . 0	get it				
	RP-15 29/03/2002 4 . 4 . 0	get it				
	RP-17 27/09/2002 4 . 5 . 0	get it				
<hr/>						
TS 25.215	Physical layer; Measurements (FDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC 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-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001 4 . 2 . 0	get it				
	RP-14 09/01/2002 4 . 3 . 0	get it				
	RP-15 29/03/2002 4 . 4 . 0	get it				
	RP-17 27/09/2002 4 . 5 . 0	get it				
	RP-18 07/01/2003 4 . 6 . 0	get it				
<hr/>						
TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,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-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001 4 . 2 . 0	get it				
	RP-14 09/01/2002 4 . 3 . 0	get it				
	RP-15 29/03/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	RP-17 27/09/2002 4 . 6 . 0	get it				
	RP-18 07/01/2003 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 25 .- series
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TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

RP-11	05/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-13	08/10/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-14	09/01/2002	4	.	2	.	0	get it	
RP-15	29/03/2002	4	.	3	.	0	get it	
RP-16	28/06/2002	4	.	4	.	0	get it	
RP-17	27/09/2002	4	.	5	.	0	get it	
RP-18	07/01/2003	4	.	6	.	0	get it	

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

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	get it	<i>remarks - general:</i>
RP-12	28/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0	get it	
RP-14	09/01/2002	4	.	3	.	0	get it	
RP-15	29/03/2002	4	.	4	.	0	get it	
RP-18	07/01/2003	4	.	5	.	0	get it	

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

TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.7.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

RP-11	05/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>
RP-12	28/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0	get it	
RP-14	09/01/2002	4	.	3	.	0	get it	
RP-15	29/03/2002	4	.	4	.	0	get it	
RP-16	28/06/2002	4	.	5	.	0	get it	
RP-17	27/09/2002	4	.	6	.	0	get it	
RP-18	07/01/2003	4	.	7	.	0	get it	

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

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/25_series

TS 25.225	Physical layer; Measurements (TDD)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC 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-11 05/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 28/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 08/10/2001 4 . 2 . 0	get it				
	RP-14 09/01/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				
	RP-17 27/09/2002 4 . 5 . 0	get it				
	RP-18 07/01/2003 4 . 6 . 0	get it				

TS 25.301	Radio Interface Protocol Architecture					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 19/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-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	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>					
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	V3.0.0 approved via e-mail July 99 CR at TSG#5?		
	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-17 18/09/2002 4 . 6 . 0	get it				
	RP-18 20/12/2002 4 . 7 . 0	get it				

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

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TS 25.303	Interlayer procedures in Connected Mode					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 19/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 02/10/2001 4 . 2 . 0	get it				
	RP-14 04/01/2002 4 . 3 . 0	get it				
	RP-15 19/03/2002 4 . 4 . 0	get it				
	RP-16 17/06/2002 4 . 5 . 0	get it				

TS 25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	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				

TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-11	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>U:</i> yes					
	<i>history (event, available, version, comments):</i>					
	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				

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

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ACTIVE specs Rel-4 25 .- series
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TS 25.306	UE Radio Access capabilities definition						
Rel-4	<i>current version:</i> 4.6.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R2 / - G: U: yes		<i>rapporteur:</i> BERGGREN, Anders <i>MCC:</i> ARZELIER, Claude	Ericsson Incorporated		
	<i>history (event, available, version, comments):</i>						
	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					
<hr/>							
TS 25.307	Requirements on UEs supporting a release-independent frequency band						
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> RP-13	<i>WG (prime / other):</i> R2 / R4 G: U: yes		<i>rapporteur:</i> FAUCONNIER, Denis <i>MCC:</i> ARZELIER, Claude	NORTEL NETWORKS (EUROPE)		
	<i>history (event, available, version, comments):</i>						
	RP-13 02/10/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,		
	RP-14 04/01/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. R4 = RF & RMM		
	requirements.						
<hr/>							
TS 25.321	Medium Access Control (MAC) protocol specification						
Rel-4	<i>current version:</i> 4.7.0 <i>freeze_meeting:</i> RP-11	<i>WG (prime / other):</i> R2 / - G: U: yes		<i>rapporteur:</i> NEMETHOVA, Olivia <i>MCC:</i> ARZELIER, Claude	SIEMENS AG		
	<i>history (event, available, version, comments):</i>						
	RP-11 27/03/2001 4 . 0 . 0	get it		<i>remarks - general:</i>			
	RP-12 19/06/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>			
	RP-13 02/10/2001 4 . 2 . 0	get it					
	RP-14 04/01/2002 4 . 3 . 0	get it					
	RP-15 19/03/2002 4 . 4 . 0	get it					
	RP-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					

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

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ACTIVE specs Rel-4 25 .- series
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TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11

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

history (event, available, version, comments):

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	03/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0
RP-17	19/09/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0

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

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11

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

history (event, available, version, comments):

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	02/10/2001	4	.	2	.	0
RP-14	04/01/2002	4	.	3	.	0
RP-15	19/03/2002	4	.	4	.	0
RP-16	17/06/2002	4	.	5	.	0
RP-17	18/09/2002	4	.	6	.	0

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11

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

history (event, available, version, comments):

RP-11	27/03/2001	4	.	0	.	0
RP-16	17/06/2002	4	.	1	.	0
RP-18	13/01/2003	4	.	2	.	0

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

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0	get it <i>remarks - general:</i>
RP-12	27/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0	get it
replace ASN.1	16/10/2001	4	.	2	.	1	get it
RP-14	18/01/2002	4	.	3	.	0	get it
RP-15	25/03/2002	4	.	4	.	0	get it
RP-16	20/06/2002	4	.	5	.	0	get it
RP-17	20/09/2002	4	.	6	.	0	get it Do not use this version: contains wrong ASN.1
Misimplemented	23/09/2002	4	.	7	.	0	get it v4.6.0 omitted ASN.1 in error
RP-17 CR							
RP-18	03/02/2003	4	.	8	.	0	get it

TS 25.401 UTRAN overall description

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0	get it <i>remarks - general:</i> Approval at TSG#5
RP-12	06/07/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
RP-13	12/10/2001	4	.	2	.	0	get it
RP-15	02/04/2002	4	.	3	.	0	get it
RP-16	28/06/2002	4	.	4	.	0	get it
RP-17	30/09/2002	4	.	5	.	0	get it
RP-18	03/01/2003	4	.	6	.	0	get it

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-4	<i>current version:</i> 4.6.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio	Indicate persons who left Company and wait for new One		
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> New			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 02/04/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	RP-18 03/01/2003 4 . 6 . 0	get it				

TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-4	<i>current version:</i> 4.5.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc		
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				
	RP-17 30/09/2002 4 . 5 . 0	get it				

TS 25.411	UTRAN Iu interface layer 1					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			

TS 25.412	UTRAN Iu interface signalling transport					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>history (event, available, version, comments):</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 30/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.413	UTRAN Iu interface RANAP signalling					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes	rapporteur: JUSSILA, Jyrki MCC: KRAUSE, Joern		NOKIA Corporation	
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 14/01/2002 4 . 3 . 0	get it				
	RP-15 02/04/2002 4 . 4 . 0	get it				
	RP-16 05/07/2002 4 . 5 . 0	get it				
	RP-17 03/10/2002 4 . 6 . 0	get it				
	RP-18 03/01/2003 4 . 7 . 0	get it				

TS 25.414	UTRAN Iu interface data transport & transport signalling					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes	rapporteur: COMSTOCK, David MCC: KRAUSE, Joern		Telefon AB LM Ericsson	
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-13 12/10/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-14 14/01/2002 4 . 2 . 0	get it				
	RP-15 02/04/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				
	RP-18 03/01/2003 4 . 5 . 0	get it				

TS 25.415	UTRAN Iu interface user plane protocols					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes	rapporteur: MAUPIN, Alain MCC: KRAUSE, Joern		Telefon AB LM Ericsson	
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 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				

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 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-4	<i>current version:</i> 4.6.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / - <i>G:</i> U: yes		<i>rapporteur:</i> TAYLOR, Carolyn <i>MCC:</i> KRAUSE, Joern		MOTOROLA Ltd
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>		
	RP-12 06/07/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 25/03/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	correct vers no. 06/08/2002 4 . 5 . 1 shown on doc	get it				
	RP-17 03/10/2002 4 . 6 . 0	get it				
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / - <i>G:</i> U: yes		<i>rapporteur:</i> THAKARE, Kiran <i>MCC:</i> KRAUSE, Joern		RadioScape Limited
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>		
	RP-14 11/01/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	RP-15 02/04/2002 4 . 2 . 0	get it				
<hr/>						
TS 25.421	UTRAN Iur interface Layer 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / - <i>G:</i> U: yes		<i>rapporteur:</i> BRANDT, Achim V. <i>MCC:</i> KRAUSE, Joern		SIEMENS AG
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R3 / - <i>G:</i> U: yes		<i>rapporteur:</i> THAKARE, Kiran <i>MCC:</i> KRAUSE, Joern		RadioScape Limited
	<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				

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 25.423 UTRAN Iur interface RNSAP signalling

Rel-4 *current version:* 4.7.0 *WG (prime / other):* R3 / - *rapporteur:* RUNE, Göran Ericsson AB
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0	get it <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

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0	get it <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 Iur interface user plane protocols for CCH data streams

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

RP-11	06/04/2001	4	.	0	.	0	get it <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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams					
Rel-4	current version: 4.4.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes		rapporteur: KEKKI, Sami MCC: KRAUSE, Joern		NOKIA Corporation
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it		remarks - general:		
	RP-14 11/01/2002 4 . 1 . 0	get it		remarks - this release:		
	RP-15 02/04/2002 4 . 2 . 0	get it				
	RP-16 28/06/2002 4 . 3 . 0	get it				
	RP-17 03/10/2002 4 . 4 . 0	get it				
<hr/>						
TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams					
Rel-4	current version: 4.4.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes		rapporteur: LONGONI, Fabio MCC: KRAUSE, Joern		NOKIA TELECOMMUNICATIONS FINLAND
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it		remarks - general:		
	RP-12 06/07/2001 4 . 1 . 0	get it		remarks - this release:		
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-18 03/01/2003 4 . 4 . 0	get it				
<hr/>						
TS 25.430	UTRAN Iub Interface: General Aspects and Principles					
Rel-4	current version: 4.4.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes		rapporteur: WILSON, Mick MCC: KRAUSE, Joern		FUJITSU Laboratories of Europe Limited
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it		remarks - general:		
	RP-12 06/07/2001 4 . 1 . 0	get it		remarks - this release:		
	RP-14 11/01/2002 4 . 2 . 0	get it				
	RP-16 28/06/2002 4 . 3 . 0	get it				
	RP-17 03/10/2002 4 . 4 . 0	get it				
<hr/>						
TS 25.431	UTRAN Iub interface Layer 1					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes		rapporteur: BRANDT, Achim V. MCC: KRAUSE, Joern		SIEMENS AG
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it		remarks - general:		
				remarks - this release:		

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.432	UTRAN Iub interface: signalling transport					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> WILSON, Mick	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 25.433	UTRAN Iub interface NBAP signalling					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ISHIKAWA, Nobutaka	NTT DoCoMo Inc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	edito 23/10/2001 4 . 2 . 1	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 04/04/2002 4 . 4 . 0	get it				
	RP-16 19/07/2002 4 . 5 . 0	get it				
	RP-17 11/10/2002 4 . 6 . 0	get it				
	RP-18 03/01/2003 4 . 7 . 0	get it				
<hr/>						
TS 25.434	UTRAN Iub interface data transport & transport signalling for CCH data streams					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ALDEN, Magnus	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-14 11/01/2002 4 . 2 . 0	get it				
	RP-15 02/04/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				

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 25.435	UTRAN Iub interface user plane protocols for CCH data streams					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes	rapporteur: CALMEL, Jean-Marie MCC: KRAUSE, Joern	NORTEL NETWORKS (EUROPE)		
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
	RP-12 06/07/2001 4 . 1 . 0	get it	remarks - this release:			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 02/04/2002 4 . 4 . 0	get it				
	RP-17 03/10/2002 4 . 5 . 0	get it				
<hr/>						
TS 25.442	UTRAN implementation-specific O&M transport					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes	rapporteur: RECKER, Stephan MCC: KRAUSE, Joern	Indicate persons who left Company and wait for new One		
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general: remarks - this release:			
<hr/>						
TR 25.832	Manifestations of Handover and SRNS relocation					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): R3 / - G: U: yes	rapporteur: TOWNEND, Richard MCC: KRAUSE, Joern	mmO2 plc		
history (event, available, version, comments):						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general: remarks - this release: RP-15: No upgrade to Rel-5.			
<hr/>						
TR 25.834	UTRA TDD low chip rate option; Radio protocol aspects					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): R2 / - G: U: yes	rapporteur: LIU, YanHui MCC: ARZELIER, Claude	CATT		
history (event, available, version, comments):						
	Start of work 01/07/2000 0 . 0 . 0	get it	remarks - general:			
	draft 15/07/2000 0 . 0 . 1	get it	remarks - this release: RP-15: Not to be promoted to Rel-5.			
	draft 01/08/2000 0 . 1 . 0	get it				
	RP-09 01/10/2000 1 . 0 . 0	get it				
	RP-10 20/12/2000 4 . 0 . 0	get it				
	RP-11 27/03/2001 4 . 1 . 0	get it				

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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>								
	RP-10	12/01/2001	4	.	0	.	0		
	RP-11	05/04/2001	4	.	1	.	0		
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
<hr/>									
TR 25.837	Hybrid ARQ Type II/III (lub/lur aspects)								
Rel-4	<i>current version:</i> 0.1.0	DRAFT		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	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>								
	RP-09	21/09/2000	0	.	1	.	0		
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
<hr/>									
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		
	RP-09	21/09/2000	0	.	1	.	0		
	RP-10	21/12/2000	0	.	1	.	1		
	RP-11	06/04/2001	4	.	0	.	0		
	RP-14	11/01/2002	4	.	1	.	0		
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
				get it					
				get it					
<hr/>									
TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)								
Rel-4	<i>current version:</i> 0.3.0	DRAFT		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PARK, Jin Hyo	SK TELECOM			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version, comments):</i>								
	RP-12	05/07/2001	0	.	2	.	0	RP-010426	
	RAN3 approved	01/10/2001	0	.	3	.	0	referred to at RP-13.	
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				
<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> LEE, Juho	Samsung Electronics Ind. Co., 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		
	RP-10	12/01/2001	2	.	0	.	0		
	RP-11	05/04/2001	2	.	3	.	0		
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
				get it					

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

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.841	DSCH power control improvement in soft handover								
Rel-4	current version: 4.1.0			WG (prime / other): R1 / -	rapporteur: TOSKALA, Antti	NOKIA Corporation			
	freeze_meeting: SP-11			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version, comments):								
	RP-09	28/09/2000	1 . 0 . 0		get it	remarks - general:			
	RP-10	12/01/2001	4 . 0 . 0		get it	remarks - this release: RP-15: Not to be promoted to Rel-5.			
	RP-11	04/04/2001	4 . 1 . 0		get it				
<hr/>									
TR 25.842	Smart antenna								
Rel-4	current version: 1.0.0	DRAFT		WG (prime / other): R1 / -	rapporteur: HU, Jinling	CATT			
	freeze_meeting: SP-11			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version, comments):								
	RP-09	12/01/2001	1 . 0 . 0		get it	remarks - general:			
						remarks - this release: .RP-15: Not to be promoted to Rel-5.			
<hr/>									
TR 25.843	1,28 Mcps TDD UE Radio Access Capabilities								
Rel-4	current version: 4.1.0			WG (prime / other): R2 / -	rapporteur: ZHU, Yifei	CATT			
	freeze_meeting: SP-11			G: U: yes	MCC: ARZELIER, Claude				
	history (event, available, version, comments):								
	RP-10	20/12/2000	4 . 0 . 0		get it	remarks - general:			
	RP-11	27/03/2001	4 . 1 . 0		get it	remarks - this release: RP-15: Not to be promoted to Rel-5.			
<hr/>									
TR 25.844	Radio access bearer support enhancements								
Rel-4	current version: 4.3.0			WG (prime / other): R2 / -	rapporteur: KRISHNARAJAH, Ainkaran	Ericsson AB			
	freeze_meeting: SP-11			G: U: yes	MCC: ARZELIER, Claude				
	history (event, available, version, comments):								
	RP-10	20/12/2000	1 . 0 . 0	RP-000560	get it	remarks - general:			
	RP-11	27/03/2001	4 . 0 . 0		get it	remarks - this release: 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				

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ACTIVE specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.847	UE positioning enhancements					
Rel-4	current version: 4.0.0	WG (prime / other): R2 /	rapporteur: BECKMANN, Mark	SIEMENS AG		
	freeze_meeting: SP-11	G: U: yes	MCC: ARZELIER, Claude			
	history (event, available, version, comments):					
	draft 10/11/2000 0 . 1 . 0	get it	remarks - general:			
	RP-10 20/12/2000 1 . 0 . 0	get it	remarks - this release: RP-15: Not to be promoted to Rel-5.			
	RP-11 27/03/2001 4 . 0 . 0	get it				
<hr/>						
TR 25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access					
Rel-4	current version: 4.0.0	WG (prime / other): R1 /	rapporteur: IKEDA, Shinobu	NEC Corporation		
	freeze_meeting: SP-10	G: U: yes	MCC: SASAKI, Tsukasa			
	history (event, available, version, comments):					
	RP-11 05/04/2001 4 . 0 . 0	get it	remarks - general:			
			remarks - this release: RP-15: Not to be promoted to Rel-5.			
<hr/>						
TR 25.849	DSCH power control improvement in soft handover					
Rel-4	current version: 4.0.0	WG (prime / other): R3 / -	rapporteur: WOONHEE, Hwang	NOKIA Corporation		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):					
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general:			
			remarks - this release: RP-15: No upgrade to Rel-5.			
<hr/>						
TR 25.850	UE positioning in UTRAN lub/lur protocol aspects					
Rel-4	current version: 4.3.0	WG (prime / other): R3 / -	rapporteur: HAUTALA, Jari	NOKIA Corporation		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, 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				

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

TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> IRWIN, Sania		MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	RP-10 21/12/2000 0 . 0 . 2 RP-000660		get it	<i>remarks - general:</i>		
	RP-11 06/04/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>						
TR 25.852	Radio access bearer support enhancements for the lu					
Rel-4	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> DIESEN, Michael		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	RP-11 06/04/2001 0 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>						
TR 25.853	Delay budget within the access stratum					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	RP-11 06/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.		
				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>						
TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn		NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	RP-11 27/03/2001 4 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-12 19/06/2001 4 . 1 . 0		get it	<i>remarks - this release:</i>		
	RP-13 02/10/2001 4 . 2 . 0		get it			
	RP-14 04/01/2002 4 . 3 . 0		get it			
	RP-15 19/03/2002 4 . 4 . 0		get it			
	RP-18 13/01/2003 4 . 5 . 0		get it			

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

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TR 25.922	Radio Resource Management Strategies					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-15 19/03/2002 4 . 2 . 0	get it				
<hr/>						
TR 25.928	1,28 Mcps functionality for UTRA TDD physical layer					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> AKSENTIJEVIC, Mirko	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-07 0 . 0 . 2 RP-000091		<i>remarks - general:</i> Created R1#10, Jan 99.			
	RP-07 15/03/2000 0 . 0 . 3 RP-000158	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-08 0 . 2 . 0					
	RP-08 23/06/2000 1 . 0 . 0	get it				
	RP-09 11/01/2001 1 . 1 . 0	get it				
	RP-11 06/04/2001 4 . 0 . 0	get it				
	edito 10/04/2001 4 . 0 . 1	get it				
<hr/>						
TR 25.931	UTRAN Functions, examples on signalling procedures					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CASALINO, Francesco	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-07	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	RP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 05/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-14 11/01/2002 4 . 2 . 0	get it				
	RP-15 02/04/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				

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

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TR 25.934	AAL2 QoS optimization				
Rel-4	current version: 4.0.0	WG (prime / other): R3 / -	rapporteur: YOSHIMURA, Takayuki	J-Phone Co., Ltd.	
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern		
history (event, available, version, comments):					
	draft 25/04/2000	0 . 0 . 0	get it	remarks - general:	
	draft 16/05/2000	0 . 0 . 1	get it	remarks - this release:	RP-15: No upgrade to Rel-5.
	RP-09 28/09/2000	0 . 2 . 0	get it		
	RP-10 21/12/2000	0 . 2 . 1	get it		RP-000646
	RP-11 06/04/2001	4 . 0 . 0	get it		
<hr/>					
TR 25.935	RRM optimisation				
Rel-4	current version: 4.1.0	WG (prime / other): R3 / -	rapporteur: VAN LIESHOUT, Gert-Jan	ERICSSON EUROLAB NETHERLANDS BV	
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern		
history (event, available, version, comments):					
	Start of work 01/08/2000	0 . 0 . 0	get it	remarks - general:	
	draft 15/07/2000	0 . 0 . 1	get it	remarks - this release:	RP-15: No upgrade to Rel-5.
	R3-15 15/08/2000	0 . 1 . 0	get it		
	RP-10 21/12/2000	0 . 1 . 1	get it		
	draft 16/10/2000	1 . 0 . 0	get it		
	RP-11 06/04/2001	4 . 0 . 0	get it		
	RP-15 25/03/2002	4 . 1 . 0	get it		
<hr/>					
TR 25.936	Handover for realtime services from PS-domain				
Rel-4	current version: 4.0.1	WG (prime / other): R3 / -	rapporteur: MOUSSET, Claire	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern		
history (event, available, version, comments):					
	Start of work 01/07/2000	0 . 0 . 0	get it	remarks - general:	
	draft 15/07/2000	0 . 0 . 1	get it	remarks - this release:	RP-15: Not to be promoted to Rel-5.
	R3-15 01/09/2000	0 . 1 . 0	get it		
	RP-10 21/12/2000	0 . 3 . 0	get it		
	RP-11 06/04/2001	4 . 0 . 0	get it		
	formatting 09/01/2002	4 . 0 . 1	get it		
	corrections				

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ACTIVE specs Rel-4 25 .- series
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TR 25.937	UTRAN TDD low chiprate					
Rel-4	current version: 4.1.0	WG (prime / other): R3 / -	rapporteur: XU, Bing	HuaWei Technologies Co., Ltd		
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version, comments):					
	draft 01/08/2000	0 . 0 . 0	get it	remarks - general:		
	draft 15/08/2000	0 . 0 . 1	get it	remarks - this release: 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	get it			RP-000686
	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	current version: 4.2.0	WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	Vodafone Omnitel N.V		
	freeze_meeting: SP-12	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version, comments):					
	RP-11 10/10/2001	4 . 0 . 0	get it	remarks - general: Additional rapporteur = A.De Pasquale.		expected post RP-12
	RP-14 14/01/2002	4 . 1 . 0	get it	remarks - this release:		
	RP-16 03/07/2002	4 . 2 . 0	get it			
<hr/>						
TR 25.943	Deployment aspects					
Rel-4	current version: 4.2.0	WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan	Telefon AB LM Ericsson		
	freeze_meeting: RP-12	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version, comments):					
	R4-09	0 . 0 . 1		remarks - general:		
	R4-11	0 . 1 . 0		remarks - this release:		
	RP-08 23/06/2000	2 . 0 . 0	get it			
	RP-12	2 . 1 . 0	get it			RP-010437
	RP-12 29/06/2001	4 . 0 . 0	get it			
	RP-14 16/01/2002	4 . 1 . 0	get it			
	RP-16 03/07/2002	4 . 2 . 0	get it			
<hr/>						
TR 25.944	Channel coding and multiplexing examples					
Rel-4	current version: 4.1.0	WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation		
	freeze_meeting: SP-11	G: U: yes	MCC: SASAKI, Tsukasa			
	history (event, available, version, comments):					
	RP-11 06/04/2001	4 . 0 . 0	get it	remarks - general: Created Jan 2000 (aka R1.04)		
	edito 10/04/2001	4 . 0 . 1	get it	remarks - this release: RP-15: Not to be promoted to Rel-5.		
	RP-12 28/06/2001	4 . 1 . 0	get it			

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TR 25.945	RF requirements for low chip rate TDD option					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> ZHANG, Daijun	CATT		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version, comments):</i>					
	RP-09	0 . 3 . 0				<i>remarks - general:</i>
	RP-10 21/12/2000	2 . 0 . 0	RP-000678	get it		<i>remarks - this release:</i>
	RP-11 28/05/2001	4 . 0 . 0	Cosmetically too nasty to publish as ETSI TR (TS??)	get it		
	RP-13 10/10/2001	4 . 1 . 0		get it		
	fix layout prob 10/10/2001	4 . 1 . 1		get it		

TR 25.946	RAB Quality of Service (QoS) Negotiation over lu					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MOLANDER, Anders	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	draft 15/08/2000	0 . 0 . 1				<i>remarks - general:</i>
	R3-15 30/08/2000	0 . 1 . 0				<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.
	RP-10 21/12/2000	0 . 1 . 1	RP-000656	get it		
	RP-11 06/04/2001	4 . 0 . 0		get it		

TR 25.950	UTRA high speed downlink packet access					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	draft 07/11/2000	0 . 0 . 0				<i>remarks - general:</i>
	RP-11 27/03/2001	4 . 0 . 0				<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.

TR 25.953	TrFO/TFO					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-10 21/12/2000	0 . 0 . 3	RP-000664	get it		<i>remarks - general:</i>
	RP-11 06/04/2001	4 . 0 . 0		get it		<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.

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TR 25.954	Migration to modification procedure				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> YOSHIMURA, Takayuki	J-Phone Co., Ltd.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>				
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.		
<hr/>					
TR 25.956	UTRA repeater: Planning guidelines and system analysis				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GARCIA LOPEZ, Lorena	TELEFONICA DE ESPAÑA SA	
	<i>freeze_meeting:</i> RP-11	<i>G:</i> 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>		
			<i>remarks - this release:</i>		
<hr/>					
TR 25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>				
	RP-18 13/01/2003 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> Pointer to latest release version.		
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	Rel-4	26 .- series	Server location: http://www.3gpp.org/ftp/Specs/archive/26_series		
<hr/>					
TS 26.071	AMR speech Codec; General description				
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	<i>G:</i> 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/>					

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TS 26.073	AMR speech Codec; C-source code					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-14 09/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 26.074	AMR speech Codec; Test sequences					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	corected tests 04/07/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 07/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U: yes		<i>rapporteur:</i> EKUDDEN, Erik <i>MCC:</i> USAI, Paolino		Telefon AB LM Ericsson
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U: yes		<i>rapporteur:</i> EKUDDEN, Erik <i>MCC:</i> USAI, Paolino		Telefon AB LM Ericsson
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U: yes		<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: U: yes		<i>rapporteur:</i> HAGQVIST, Jari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-12 27/06/2001 4 . 1 . 0 SP-15 28/03/2002 4 . 2 . 0		get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 26.102	AMR speech Codec; Interface to lu and Uu					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U: yes		<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino		NORTEL NETWORKS (EUROPE)
<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 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> HELLOWIG, 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				

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10 21/12/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	bug fix 29/06/2001 4 . 1 . 1	get it				
	SP-13 02/10/2001 4 . 2 . 0	get it				
	SP-15 28/03/2002 4 . 3 . 0	get it				

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>			

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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> 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	<i>G:</i>	<i>U:</i> 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	<i>G:</i>	<i>U:</i> 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	<i>G:</i>	<i>U:</i> 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 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 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs					
Rel-4	<i>current version:</i> 4.5.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: U: yes		<i>rapporteur:</i> FRANCESCHI, Olle <i>MCC:</i> USAI, Paolino		Nippon Ericsson K.K.
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U: yes		<i>rapporteur:</i> OHANA, Alain <i>MCC:</i> USAI, Paolino		Cingular Wireless LLC
	<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> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U: yes		<i>rapporteur:</i> HAAVISTO, Petri <i>MCC:</i> USAI, Paolino		Nokia Research Center
	<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>		
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: U: yes		<i>rapporteur:</i> FRANCESCHI, Olle <i>MCC:</i> USAI, Paolino		Nippon Ericsson K.K.
	<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 Lab S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.078
remarks - this release: Replaces 26.078

Rel-4 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Rel-4 *current version:* 4.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 04/01/2001 4 . 2 . 0 [get it](#)
NP-11 05/04/2001 4 . 3 . 0 [get it](#)
NP-12 04/07/2001 4 . 4 . 0 [get it](#)
NP-13 10/10/2001 4 . 5 . 0 [get it](#)
NP-14 11/01/2002 4 . 6 . 0 [get it](#)
NP-15 20/03/2002 4 . 7 . 0 [get it](#)
NP-17 17/09/2002 4 . 8 . 0 [get it](#)

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

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ACTIVE specs Rel-4 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
	NP-09 (probably) 12/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
<i>history (event, available, version, comments):</i>					
	NP-10 22/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-11 02/04/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
<hr/>					
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	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
<i>history (event, available, version, comments):</i>					
	TP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-13 04/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	TP-16 25/06/2002	4 . 2 . 0	get it		
<hr/>					
TS 27.007	AT command set for 3G User Equipment (UE)				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHRISTENSEN, Soren	Ericsson AS	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
<i>history (event, available, version, comments):</i>					
	TP-09 11/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	
	TP-11 11/04/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	TP-12 04/07/2001	4 . 2 . 0	get it		
	TP-14 15/01/2002	4 . 3 . 0	get it		
	TP-15 04/04/2002	4 . 4 . 0	get it		
	TP-18 20/12/2002	4 . 5 . 0	get it		

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

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TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol					
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T2 / - <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> BROOK, Richard <i>MCC:</i> RODERMUND, Friedhelm	SAMSUNG Electronics Research Institute	
	<i>history (event, available, version, comments):</i>					
	TP-11 06/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>		
	TP-13 04/10/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	TP-15 25/03/2002 4 . 2 . 0	get it				
<hr/>						
TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services					
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / - <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> WILD, Johanna <i>MCC:</i> BOSWARTHICK, David	MOTOROLA Ltd	
	<i>history (event, available, version, comments):</i>					
	NP-11 06/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i> GPRS		
	NP-16 24/06/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	NP-17 17/09/2002 4 . 2 . 0	get it				
<hr/>						
TS 27.103	Wide Area Network Synchronization					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T2 / - <i>G:</i> yes <i>U:</i> yes		<i>rapporteur:</i> CHAU, Alan <i>MCC:</i> RODERMUND, Friedhelm	NOKIA UK Ltd	
	<i>history (event, available, version, comments):</i>					
	TP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TR 27.901	Report on Terminal Interfaces - An Overview					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T2 / - <i>G:</i> <i>U:</i> yes		<i>rapporteur:</i> REX, Thomas <i>MCC:</i> RODERMUND, Friedhelm	ERICSSON MOBILE COMMUNICATIONS AB	
	<i>history (event, available, version, comments):</i>					
	TP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>		
	TP-15 26/03/2002 4 . 1 . 0	get it		<i>remarks - this release:</i>		
<hr/>						
TR 27.903	Discussion of synchronization standards					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T2 / - <i>G:</i> <i>U:</i> yes		<i>rapporteur:</i> LOCKHART, Rob <i>MCC:</i> RODERMUND, Friedhelm	Motorola Inc.	
	<i>history (event, available, version, comments):</i>					
	TP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i> TP-15: Not to be promoted to Rel-5.		

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

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ACTIVE specs Rel-4 27 .- series
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Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version, comments):

SP-05	13/10/1999	0 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4
SP-09	18/10/2000	0 . 0 . 3		get it	<i>remarks - this release:</i> TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.
SP-10	21/12/2000	1 . 0 . 0	NP-000568	get it	
draft	08/02/2001	1 . 1 . 0		get it	
SP-11	10/04/2001	4 . 0 . 0		get it	
SP-12	27/06/2001	4 . 1 . 0		get it	
edito	01/10/2001	4 . 1 . 1		get it	
SP-14	09/01/2002	4 . 2 . 0		get it	
SP-15	28/03/2002	4 . 3 . 0		get it	
SP-16	28/06/2002	4 . 4 . 0		get it	
SP-18	03/01/2003	4 . 5 . 0		get it	

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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 *current version:* 4.10.0
freeze_meeting: SP-11

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

history (event, available, version, comments):

NP-08	23/06/2000	4	.	0	.	0
edito	04/08/2000	4	.	0	.	1
edito	11/08/2000	4	.	0	.	2
NP-09	26/10/2000	4	.	1	.	0
NP-10	20/12/2000	4	.	2	.	0
edito	01/02/2001	4	.	2	.	1
NP-11	06/04/2001	4	.	3	.	0
NP-12	06/07/2001	4	.	4	.	0
edito	16/08/2001	4	.	4	.	1
NP-13	03/10/2001	4	.	5	.	0
NP-14	18/01/2002	4	.	6	.	0
NP-15	04/04/2002	4	.	7	.	0
NP-16	21/06/2002	4	.	8	.	0
NP-17	24/09/2002	4	.	9	.	0
NP-18	09/01/2003	4	.	10	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11

WG (prime / other): N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
G: yes U: yes *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-09	12/10/2000	4	.	0	.	0
NP-10	04/01/2001	4	.	1	.	0
NP-11	29/03/2001	4	.	2	.	0
NP-14	11/01/2002	4	.	3	.	0
NP-16	24/06/2002	4	.	4	.	0
NP-17	17/09/2002	4	.	5	.	0
NP-18	09/01/2003	4	.	6	.	0

[get it](#) *remarks - general:*
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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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Rel-4	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.5.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>		KYMALAINEN, Kimmo	
	TeliaSonera AB								
	<i>freeze_meeting:</i> SP-11		G: yes	U: yes		<i>MCC:</i>		KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>								
	NP-11	30/03/2001	4	. 0	. 0		get it	<i>remarks - general:</i>	Transfer>TSG#4 (transfer??)
	NP-12	06/07/2001	4	. 1	. 0		get it	<i>remarks - this release:</i>	
	NP-14	11/01/2002	4	. 2	. 0		get it		
	NP-16	21/06/2002	4	. 3	. 0		get it		
	NP-17	18/09/2002	4	. 4	. 0		get it		
	NP-18	07/01/2003	4	. 5	. 0		get it		

TS 29.011	Signalling Interworking for Supplementary Services								
Rel-4	<i>current version:</i> 4.0.1		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11		G: yes	U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	NP-11	04/04/2001	4	. 0	. 0		get it	<i>remarks - general:</i>	
	correct references	25/06/2002	4	. 0	. 1		get it	<i>remarks - this release:</i>	

TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-4	<i>current version:</i> 4.0.1		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11		G: yes	U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	NP-11	04/04/2001	4	. 0	. 0		get it	<i>remarks - general:</i>	Transfer>TSG#4
	update references	24/06/2002	4	. 0	. 1		get it	<i>remarks - this release:</i>	

TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-4	<i>current version:</i> 4.1.0		WG (prime / other):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-11		G: yes	U: yes		<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>								
	NP-11	06/04/2001	4	. 0	. 0		get it	<i>remarks - general:</i>	
	NP-16	26/06/2002	4	. 1	. 0		get it	<i>remarks - this release:</i>	

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

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TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	NP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-13	03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-14	04/01/2002	4 . 2 . 0	get it		
	NP-15	19/03/2002	4 . 3 . 0	get it		
	NP-16	26/06/2002	4 . 4 . 0	get it		

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunneling Protocol (GTP) across the Gn and Gp interface					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11	30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-12	04/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-13	03/10/2001	4 . 2 . 0	get it		
	NP-14	11/01/2002	4 . 3 . 0	get it		
	NP-15	28/03/2002	4 . 4 . 0	get it		
	NP-17	18/09/2002	4 . 5 . 0	get it		
	NP-18	07/01/2003	4 . 6 . 0	get it		

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the Public	
	NP-12	28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> Land Mobile Network (PLMN) supporting GPRS and Packet".	
	NP-13	12/10/2001	4 . 2 . 0	get it		
	NP-14	14/01/2002	4 . 3 . 0	get it		
	NP-15	20/03/2002	4 . 4 . 0	get it		
	NP-16	02/07/2002	4 . 5 . 0	get it		
	NP-18	09/01/2003	4 . 6 . 0	get it		

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

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version, comments):</i>					
	NP-11 29/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	NP-12 03/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3			
	NP-13 03/10/2001 4 . 2 . 0	get it				
	NP-14 04/01/2002 4 . 3 . 0	get it				
	NP-15 19/03/2002 4 . 4 . 0	get it				
	NP-16 17/06/2002 4 . 5 . 0	get it				
	NP-17 17/09/2002 4 . 6 . 0	get it				
	NP-18 18/12/2002 4 . 7 . 0	get it				

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)			
	RP-13 12/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-16 28/06/2002 4 . 2 . 0	get it				
	RP-18 03/01/2003 4 . 3 . 0	get it				

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i>			

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	NP-09 25/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i>			

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

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TS 29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview				
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-11	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>U:</i> yes				
<i>history (event, available, version, comments):</i>					
	NP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
	NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
	NP-13	08/10/2001	4 . 2 . 0	get it	
	NP-14	08/01/2002	4 . 3 . 0	get it	
	edito	20/03/2002	4 . 3 . 1	get it	

TS 29.198-02	Open Service Access (OSA) Application Programming Interface (API); Part 2: Common data				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-11	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>U:</i> yes				
<i>history (event, available, version, comments):</i>					
	NP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
	NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
	NP-13	08/10/2001	4 . 2 . 0	get it	
	NP-14	08/01/2002	4 . 3 . 0	get it	
	NP-15	20/03/2002	4 . 4 . 0	get it	

TS 29.198-03	Open Service Access (OSA) Application Programming Interface (API); Part 3: Framework				
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> BENNETT, Andy	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-11	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>U:</i> yes				
<i>history (event, available, version, comments):</i>					
	NP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
	NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
	NP-13	08/10/2001	4 . 2 . 0	get it	
	NP-14	08/01/2002	4 . 3 . 0	get it	
	NP-15	20/03/2002	4 . 4 . 0	get it	
	NP-16	05/07/2002	4 . 5 . 0	get it	
	NP-17	01/10/2002	4 . 6 . 0	get it	

G = required in systems with GERAN 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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11		1	.	0	.	0
edito	27/03/2001	1	.	0	.	1
NP-12		2	.	0	.	0
NP-12	29/06/2001	4	.	0	.	0
NP-13	12/10/2001	4	.	1	.	0
NP-14	08/01/2002	4	.	2	.	0
NP-15	20/03/2002	4	.	3	.	0
NP-16	05/07/2002	4	.	4	.	0
NP-17	01/10/2002	4	.	5	.	0

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remarks - this release:

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ZOICAS, Adrian
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	27/03/2001	4	.	0	.	0
NP-12	29/06/2001	4	.	1	.	0
NP-13	08/10/2001	4	.	2	.	0
NP-14	08/01/2002	4	.	3	.	0
NP-15	20/03/2002	4	.	4	.	0
NP-17	01/10/2002	4	.	5	.	0

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remarks - this release:

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* TWEEDIE, David NORTEL NETWORKS (EUROPE)
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	27/03/2001	4	.	0	.	0
NP-12	29/06/2001	4	.	1	.	0
IDL file corrected	12/07/2001	4	.	1	.	1
NP-13	08/10/2001	4	.	2	.	0
edito	12/10/2001	4	.	2	.	1
NP-14	08/01/2002	4	.	3	.	0
NP-15	20/03/2002	4	.	4	.	0

remarks - general:
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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-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it
NP-14	08/01/2002	4	.	3	.	0	get it
NP-15	20/03/2002	4	.	4	.	0	get it

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it
NP-14	08/01/2002	4	.	3	.	0	get it
NP-15	20/03/2002	4	.	4	.	0	get it
NP-17	01/10/2002	4	.	5	.	0	get it

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11		1	.	0	.	0	<i>remarks - general:</i>
edito	27/03/2001	1	.	0	.	1	get it <i>remarks - this release:</i>
NP-12	29/06/2001	4	.	0	.	0	get it
NP-13	08/10/2001	4	.	1	.	0	get it
NP-14	08/01/2002	4	.	2	.	0	get it
NP-15	20/03/2002	4	.	3	.	0	get it

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

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11		1	.	0	.	0
edito	27/03/2001	1	.	0	.	1
NP-12		2	.	0	.	0
NP-12	29/06/2001	4	.	0	.	0
NP-13	08/10/2001	4	.	1	.	0
NP-14	08/01/2002	4	.	2	.	0
NP-15	20/03/2002	4	.	3	.	0

remarks - general:
remarks - this release:

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TS 29.202 Signalling System No. 7 (SS7) signalling transport in core network; Stage 3

Rel-4 *current version:* 4.3.0 *WG (prime / other):* 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
edito	09/05/2001	4	.	0	.	1
NP-13	03/10/2001	4	.	1	.	0
correct references	25/06/2002	4	.	1	.	1
NP-17	18/09/2002	4	.	2	.	0
NP-18	07/01/2003	4	.	3	.	0

remarks - general:
remarks - this release:

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-11	30/03/2001	4	.	0	.	0
NP-12	04/07/2001	4	.	1	.	0
NP-13	03/10/2001	4	.	2	.	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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TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3					
Rel-4	current version: 4.7.0 freeze_meeting: SP-11	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD		
		G: U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	NP-10 12/01/2001 1 . 0 . 0	NP-000652	get it	remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT		
	NP-11 30/03/2001 4 . 0 . 0		get it	remarks - this release:		
	NP-12 04/07/2001 4 . 1 . 0		get it			
	NP-13 05/10/2001 4 . 2 . 0		get it			
	NP-14 11/01/2002 4 . 3 . 0		get it			
	NP-15 28/03/2002 4 . 4 . 0		get it			
	NP-16 21/06/2002 4 . 5 . 0		get it			
	NP-17 18/09/2002 4 . 6 . 0		get it			
	NP-18 07/01/2003 4 . 7 . 0		get it			
<hr/>						
TS 29.414	Core network Nb data transport and transport signalling					
Rel-4	current version: 4.4.0 freeze_meeting: SP-11	WG (prime / other): N3 / -	rapporteur: BELLING, Thomas	SIEMENS AG		
		G: U: yes	MCC: BOSWARTHICK, David			
	history (event, available, version, comments):					
	NP-11 06/04/2001 4 . 0 . 0		get it	remarks - general:		
	NP-12 28/06/2001 4 . 1 . 0		get it	remarks - this release:		
	NP-13 03/10/2001 4 . 2 . 0		get it			
	NP-14 11/01/2002 4 . 3 . 0		get it			
	NP-15 20/03/2002 4 . 4 . 0		get it			
<hr/>						
TS 29.415	Core network Nb interface user plane protocols					
Rel-4	current version: 4.2.0 freeze_meeting: SP-11	WG (prime / other): N3 / -	rapporteur: SANDERS, David	VODAFONE Group Plc		
		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			

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

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TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar						
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
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TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> Skov	JORGENSEN, Per Johan					
	<i>history (event, available, version, comments):</i>								
	NP-16	26/06/2002	4	.	0	.	0		get it <i>remarks - general:</i> 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
	edito post NP-18	16/12/2002	4	.	0	.	1	minor editorials to change style from TS	get it <i>remarks - this release:</i> . latest Release version.
								to TR.	
<hr/>									
TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	NP-11	02/04/2001	4	.	0	.	0		get it <i>remarks - general:</i>
									<i>remarks - this release:</i>
<hr/>									
TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.					
	<i>freeze_meeting:</i> NP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	NP-11	02/04/2001	4	.	0	.	0		get it <i>remarks - general:</i>
	NP-12	29/06/2001	4	.	1	.	0		get it <i>remarks - this release:</i>
	NP-13	05/10/2001	4	.	2	.	0		get it
<hr/>									
TR 29.998-05-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.					
	<i>freeze_meeting:</i> NP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	NP-11	02/04/2001	4	.	0	.	0		get it <i>remarks - general:</i>
									<i>remarks - this release:</i>

G = required in systems with GERAN 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 4: API to SMS Mapping

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	26/03/2001	1	.	0	.	0
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:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	02/04/2001	4	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

NP-11	02/04/2001	4	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-09	08/11/2000	4	.	0	.	0
TR no. corrected	02/02/2001	4	.	0	.	1

[get it](#) *remarks - general:* . .
[get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.

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

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ACTIVE specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* 2.2.0 DRAFT *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
draft	21/12/2000	0	.	8	.	6
RP-04	23/06/1999	1	.	0	.	0
RP-05	13/10/1999	1	.	4	.	0
RP-06	17/12/1999	2	.	0	.	0
RP-08	23/06/2000	2	.	2	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)
[get it](#)

Rel-4 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-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
TP-18	02/01/2003	4	.	1	.	0

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[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-4 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102	Characteristics of the USIM Application						
Rel-4	<i>current version:</i> 4.7.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / - <i>G:</i> U: yes	<i>rapporteur:</i> HEIM, Christian <i>MCC:</i> DIETZE, Claus				GIESECKE & DEVRIENT GmbH
	<i>history (event, available, version, comments):</i>						
	TP-11 09/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>			
	TP-12 23/07/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>			
	TP-13 11/10/2001 4 . 2 . 0	get it					
	TP-14 17/01/2002 4 . 3 . 0	get it					
	TP-15 28/03/2002 4 . 4 . 0	get it					
	TP-16 28/06/2002 4 . 5 . 0	get it					
	TP-17 25/09/2002 4 . 6 . 0	get it					
	TP-18 02/01/2003 4 . 7 . 0	get it					
<hr/>							
TS 31.110	Numbering system for telecommunication IC card applications						
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / - <i>G:</i> U: yes	<i>rapporteur:</i> DIETRICH, Christian <i>MCC:</i> DIETZE, Claus				SchlumbergerSema - Schlumberger Systèmes S.A
	<i>history (event, available, version, comments):</i>						
	TP-11 16/05/2001 4 . 0 . 0	get it		<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
	TP-14 16/01/2002 4 . 1 . 0	get it					
<hr/>							
TS 31.111	USIM Application Toolkit (USAT)						
Rel-4	<i>current version:</i> 4.9.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / - <i>G:</i> yes <i>U:</i> yes	<i>rapporteur:</i> WOODSEND, Kristian <i>MCC:</i> DIETZE, Claus				Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>						
	TP-09 18/10/2000 4 . 0 . 0	get it		<i>remarks - general:</i>			
	TP-10 05/01/2001 4 . 1 . 0	get it		<i>remarks - this release:</i>			
	TP-11 09/04/2001 4 . 2 . 0	get it					
	edito 10/04/2001 4 . 2 . 1	get it					
	TP-12 06/07/2001 4 . 3 . 0	get it					
	TP-13 12/10/2001 4 . 4 . 0	get it					
	TP-14 16/01/2002 4 . 5 . 0	get it					
	TP-15 28/03/2002 4 . 6 . 0	get it					
	TP-16 28/06/2002 4 . 7 . 0	get it					
	TP-17 18/09/2002 4 . 8 . 0	get it					
	TP-18 02/01/2003 4 . 9 . 0	get it					

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 31.120 UICC-terminal interface; Physical, electrical and logical test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten Orga Test Systems Gmbh
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

remarks - general: based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP
remarks - this release: Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.

TS 31.121 UICC-terminal interface; USIM application test specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

TP-12 06/07/2001 4 . 0 . 0
TP-16 19/06/2002 4 . 1 . 0
TP-17 18/09/2002 4 . 2 . 0
TP-18 02/01/2003 4 . 3 . 0

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 31.122 USIM conformance test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version, comments):

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was split
remarks - this release: into two parts

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

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

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101	Telecommunication management; Principles and high level requirements						
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-11 28/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	edito 11/04/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>				
	SP-12 03/07/2001 4 . 1 . 0	get it					
	SP-13 05/10/2001 4 . 2 . 0	get it					
	edito 26/03/2002 4 . 2 . 1	get it					
<hr/>							
TS 32.102	Telecommunication management; Architecture						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BERGGREN, Tommy	Telia Mobile AB			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-11 28/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-12 03/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-13 05/10/2001 4 . 2 . 0	get it					
<hr/>							
TS 32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.			
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts				
	edito (layout and references) 07/01/2003 4 . 0 . 1	get it	<i>remarks - this release:</i>				
<hr/>							
TS 32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service						
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.			
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	SP-12 04/07/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts				
	SP-13 05/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-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					

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ACTIVE specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set								
Rel-4	current version: 4.5.0 freeze_meeting: SP-12	WG (prime / other): S5 / - G: U: yes	rporteur: TSE, Edwin MCC: ZOICAS, Adrian	Ericsson Incorporated					
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					
<hr/>									
TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set								
Rel-4	current version: 4.4.0 freeze_meeting: SP-12	WG (prime / other): S5 / - G: U: yes	rporteur: TOVINGER, Thomas MCC: ZOICAS, Adrian	Telefon AB LM Ericsson					
history (event, available, version, comments):									
	SP-13	05/10/2001	4 . 0 . 0	get it	remarks - general:	TSG#8: split into 4 parts			
	SP-14	11/01/2002	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-18	09/01/2003	4 . 4 . 0	get it					
<hr/>									
TS 32.200	Telecommunication management; Charging management; Charging principles								
Rel-4	current version: 4.3.0 freeze_meeting: SP-14	WG (prime / other): S5 / G: yes U: yes	rporteur: AHLBÄCK, Hans MCC: ZOICAS, Adrian	Telefon AB LM Ericsson					
history (event, available, version, comments):									
	SP-12	18/06/2001	1 . 0 . 1	SP-010236	get it	remarks - general:			
	SP-13	01/10/2001	2 . 0 . 0	SP-010464	get it	remarks - this release:	Had been indicated as approved at SP-12, but this was erroneous.		
	SP-13	05/10/2001	4 . 0 . 0		get it				
	SP-15	26/03/2002	4 . 1 . 0		get it				
	SP-16	20/06/2002	4 . 2 . 0		get it				
	SP-18	06/01/2003	4 . 3 . 0		get it				

G = required in systems with GERAN 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	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>						
	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					

TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> 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 09/10/2001 4 . 0 . 0	get it					
	SP-14 11/01/2002 4 . 1 . 0	get it					
	SP-15 26/03/2002 4 . 2 . 0	get it					
edito post	SP-15 27/03/2002 4 . 2 . 1	get it					
	SP-16 20/06/2002 4 . 3 . 0	get it					
	SP-18 09/01/2003 4 . 4 . 0	get it					

TS 32.235	Telecommunication management; Charging management; Charging data description for application services						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> 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					

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 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>U:</i> yes					
<i>history (event, available, version, comments):</i>						
	SP-12 18/06/2001	2 . 0 . 0	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			
<hr/>						
TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.		
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>U:</i> yes					
<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			
<hr/>						
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>U:</i> yes					
<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			
<hr/>						
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set					
Rel-4	<i>current version:</i> 4.3.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-12	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>U:</i> yes					
<i>history (event, available, version, comments):</i>						
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-3	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>	.	
	SP-13 05/10/2001	4 . 1 . 0	get it			
	SP-15 26/03/2002	4 . 2 . 0	get it			
	SP-17 19/09/2002	4 . 3 . 0	get it			
	edito post SP-17 01/10/2002	4 . 3 . 1	get it			
	edito post SP-18 13/01/2003	4 . 3 . 2	get it			

G = required in systems with GERAN 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 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set					
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG		
	<i>freeze_meeting:</i> SP-12	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 32.301-4	
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>	.	
	SP-13 05/10/2001	4 . 1 . 0	get it			
	SP-15 26/03/2002	4 . 2 . 0	get it			
	edito post SP-18 13/01/2003	4 . 2 . 1	get it			
<hr/>						
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-12	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> 4.2.0	<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			

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> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 20/06/2001	1 . 0 . 2	get it	<i>remarks - general:</i> was 32.104 (pars)	
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		
	SP-15 26/03/2002	4 . 2 . 0	get it		
	editorial clean up 20/06/2002	4 . 2 . 1	get it		
<hr/>					
TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
<hr/>					
TS 32.601	Telecommunication management; Configuration Management (CM); Basic 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> .	
<hr/>					
TS 32.602	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		

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

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TS 32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set				
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3		
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001 4 . 1 . 0	get it			
	SP-15 27/03/2002 4 . 2 . 0	get it			
	SP-16 20/06/2002 4 . 3 . 0	get it			
	post SP-16 04/07/2002 4 . 3 . 1	get it			
	correction of cover page				
<hr/>					
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4		
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001 4 . 1 . 0	get it			
	SP-14 11/01/2002 4 . 2 . 0	get it			
<hr/>					
TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1		
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .		

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

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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	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 32.602-2			
	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	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 32.602-3			
	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	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 32.602-4			
	SP-12 03/07/2001 4 . 0 . 0	get it	<i>remarks - this release:</i> .			
	SP-13 05/10/2001 4 . 1 . 0	get it				
	SP-16 21/06/2002 4 . 2 . 0	get it				
	SP-18 07/01/2003 4 . 3 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS 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:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.602-5
SP-12	03/07/2001	4	.	0	.	0	get it <i>remarks - this release:</i> .
SP-14	11/01/2002	4	.	1	.	0	get it
SP-15	27/03/2002	4	.	2	.	0	get it

TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-1
SP-12	03/07/2001	4	.	0	.	0	get it <i>remarks - this release:</i> .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-2
SP-12	03/07/2001	4	.	0	.	0	get it <i>remarks - this release:</i> .
SP-13	05/10/2001	4	.	1	.	0	get it
SP-15	27/03/2002	4	.	2	.	0	get it
SP-16	28/06/2002	4	.	3	.	0	get it

TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it <i>remarks - general:</i> was 32.620-3
SP-12	03/07/2001	4	.	0	.	0	get it <i>remarks - this release:</i> .
SP-13	05/10/2001	4	.	1	.	0	get it
SP-14	11/01/2002	4	.	2	.	0	get it

G = required in systems with GERAN 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 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set
Rel-4	<i>current version:</i> 4.4.0 <i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>G: yes U: yes</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 32.620-4
	SP-12 04/07/2001 4 . 0 . 0 get it <i>remarks - this release:</i> .
	SP-13 05/10/2001 4 . 1 . 0 get it
	SP-14 11/01/2002 4 . 2 . 0 get it
	SP-15 27/03/2002 4 . 3 . 0 get it
	SP-16 28/06/2002 4 . 4 . 0 get it

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G: U: yes</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 32.621-1
	SP-12 03/07/2001 4 . 0 . 0 get it <i>remarks - this release:</i> .

TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PAL, Tapinder T-MOBILE DEUTSCHLAND <i>G: yes U: yes</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 32.621-2
	SP-12 03/07/2001 4 . 0 . 0 get it <i>remarks - this release:</i> .
	SP-14 11/01/2002 4 . 1 . 0 get it
	SP-16 28/06/2002 4 . 2 . 0 get it

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-12
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G: yes U: yes</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 32.621-3
	SP-12 03/07/2001 4 . 0 . 0 get it <i>remarks - this release:</i> .
	SP-16 28/06/2002 4 . 1 . 0 get it

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

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ACTIVE specs Rel-4 32 .- series
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TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0	get it	<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 *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 32.622-1
SP-12	03/07/2001	4	.	0	.	0	get it	<i>remarks - this release:</i>	.

TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
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 32.622-2
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		

TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* 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 32.622-3
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		

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

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

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set			
Rel-4	<i>current version:</i> 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>	<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

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> .

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> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, 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

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set			
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-12	<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 32.623-3
	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

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 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-12	21/06/2001	2	.	0	.	0		get it	<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		

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	NP-010239 (!)	get it	<i>remarks - this release:</i>	.
SP-12	18/06/2001	1	.	0	.	0	SP-010233 (for approval!)	get it		
SP-12	03/07/2001	4	.	0	.	0		get it		

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc SIEMENS ATEA NV
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

SP-11	30/03/2001	4	.	0	.	0		get it	<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		

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

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.103	3G security; Integration guidelines					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLANCHARD, Colin	BT Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
	SP-13 03/10/2001 4 . 2 . 0	get it				
<hr/>						
TS 33.105	Cryptographic Algorithm requirements					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	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	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	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	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	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	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>	<i>U:</i> yes				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			

G = required in systems with GERAN 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 33.200	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	<i>G:</i> 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						
<hr/>									
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	<i>G:</i> 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.					
<hr/>									
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	<i>G:</i> 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.					
<hr/>									
TR 33.903	Access Security for IP based services								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,						
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i>								
	SP-11 03/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049					
				<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.					

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

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ACTIVE specs Rel-4 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):
SP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
correct misprint in 23/07/2001 4 . 0 . 1 [get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.
spec number

Rel-4 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing
Rel-4 *current version:* 4.5.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):
TP-13 08/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
edito post TP-15 26/03/2002 4 . 2 . 1 [get it](#)
TP-16 17/06/2002 4 . 3 . 0 [get it](#)
TP-17 11/09/2002 4 . 4 . 0 [get it](#)
TP-18 18/12/2002 4 . 5 . 0 [get it](#)

TS 34.109 Terminal logical test interface; Special conformance testing functions
Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9:
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:* Stable, so txfered from T1 to R2.
RP-15 19/03/2002 4 . 2 . 0 [get it](#)
RP-16 17/06/2002 4 . 3 . 0 [get it](#)
RP-18 13/01/2003 4 . 4 . 0 [get it](#)

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

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ACTIVE specs Rel-4 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121	Terminal Conformance Specification, Radio Transmission and Reception (FDD)						
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-13	<i>WG (prime / other):</i> T1 / - <i>G:</i> U: yes		<i>rapporteur:</i> HIGUCHI, Kenji <i>MCC:</i> SALMERON, Lidia		ADVANTEST Corporation	
<i>history (event, available, version, comments):</i>							<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>							
TS 34.122	Terminal Conformance Specification, Radio Transmission and Reception (TDD)						
Rel-4	<i>current version:</i> 4.6.0 <i>freeze_meeting:</i> SP-13	<i>WG (prime / other):</i> T1 / - <i>G:</i> U: yes		<i>rapporteur:</i> MAUCKSCH, Thomas <i>MCC:</i> SALMERON, Lidia		ROHDE & SCHWARZ GmbH & Co.KG	
<i>history (event, available, version, comments):</i>							<i>remarks - general:</i> <i>remarks - this release:</i>
	TP-12	03/07/2001	4 . 0 . 0	get it			
	TP-13	03/10/2001	4 . 1 . 0	get it			
	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			
<hr/>							
TS 34.123-1	User Equipment (UE) conformance specification; Part 1: Protocol conformance specification						
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-13	<i>WG (prime / other):</i> T1 / - <i>G:</i> U: yes		<i>rapporteur:</i> SALMERON, Lidia <i>MCC:</i> SALMERON, Lidia		TELEPLUS LIMITED	
<i>history (event, available, version, comments):</i>							<i>remarks - general:</i> <i>remarks - this release:</i>
	TP-13	03/10/2001	4 . 0 . 0	get it			
	TP-14	09/01/2002	4 . 1 . 0	get it			
	TP-15	20/03/2002	4 . 2 . 0	get it			
	TP-16	19/06/2002	4 . 3 . 0	get it			
<hr/>							
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>freeze_meeting:</i> SP-13	<i>WG (prime / other):</i> T1 / - <i>G:</i> U: yes		<i>rapporteur:</i> HU, Shicheng <i>MCC:</i> SALMERON, Lidia		ETSI Secretariat	
<i>history (event, available, version, comments):</i>							<i>remarks - general:</i> <i>remarks - this release:</i>
	TP-13	04/10/2001	4 . 0 . 0	get it			
	TP-14	09/01/2002	4 . 1 . 0	get it			
	TP-15	21/03/2002	4 . 2 . 0	get it			
	TP-16	19/06/2002	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 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version, comments):
remarks - general:
remarks - this release:

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-18 10/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

TR 34.910 Identification of test requirements for regulatory purposes in different regions/countries

Rel-4 *current version:* 1.0.0 DRAFT *WG (prime / other):* T1 / - *rapporteur:* NIELSEN, Bjarke QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version, comments):
TP-05 13/10/1999 0 . 0 . 1 [get it](#) *remarks - general:*
TP-10 09/01/2001 1 . 0 . 0 [get it](#) *remarks - this release:*

TR 34.926 Table of international EMC requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
TP-09 06/10/2000 1 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-10 09/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:*

Rel-4 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

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ACTIVE specs Rel-4 35 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence		
	SP-14 07/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0	get it	<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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0	get it	<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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 28/08/2001 4 . 0 . 0	get it	<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					
Rel-4	<i>current version:</i> 1: General	4.0.0	<i>WG (prime / other):</i> S3	/ -	<i>rapporteur:</i> WALKER, Michael	
	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-11 09/05/2001 4 . 0 . 0	get it	<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.		

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/35_series ACTIVE specs Rel-4 35 .- series

TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 2: Algorithm specification</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0		get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#11:changed to Rel-4			
<hr/>								
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 3: Implementors' test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0		get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#11:changed to Rel-4			
<hr/>								
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 4: Design conformance test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0		get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#11:changed to Rel-4			
<hr/>								
TR 35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*; Document							
Rel-4	<i>current version: 5: Summary and results of design and evaluation</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc								
	<i>freeze_meeting: SP-11</i>	G:	<i>U: yes</i>	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version, comments):</i>							
	SP-11 09/05/2001 4 . 0 . 0		get it	<i>remarks - general:</i>	ex SAGE			
				<i>remarks - this release:</i>	TSG#11:Formerly 35.209 Rel-99 (but never made available)			

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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

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ACTIVE specs Rel-4 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
Rel-4	<i>current version:</i> 4.0.1 <i>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>			
<hr/>						
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 4 . 0 . 0		<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
Rel-4	<i>current version:</i> 4.0.0 <i>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.			
<hr/>						
TS 41.102	GSM Release 4 specifications					
Rel-4	<i>current version:</i> 4.7.0 <i>freeze_meeting:</i> SP-11	<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-10 1 . 0 . 0		<i>remarks - general:</i> Né 41.001; renumbered at TSG#10.			
	SP-10 04/01/2001 1 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-11 11/04/2001 4 . 0 . 0	get it				
	SP-12 05/07/2001 4 . 1 . 0	get it				
	SP-13 01/10/2001 4 . 2 . 0	get it				
	SP-14 03/01/2002 4 . 3 . 0	get it				
	SP-15 27/03/2002 4 . 4 . 0	get it				
	SP-16 19/06/2002 4 . 5 . 0	get it				
	post SP-16 editorial 25/06/2002 4 . 5 . 1	get it				
	SP-17 18/09/2002 4 . 6 . 0	get it				
	SP-18 03/01/2003 4 . 7 . 0	get it				

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ACTIVE specs Rel-4 41 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.009	Security Aspects						
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / S1 / NP	rapporteur:	CHRISTOFFERSSON, Telia Promotor AB		
	freeze_meeting: SP-11	G: yes U:		MCC:	Per 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:		
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:		

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

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ACTIVE specs Rel-4 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i> Was 22.043 at Rel99.			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>history (event, available, version, comments):</i> SP-11 02/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.068	Voice Group Call Service (VGCS); Stage 1					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>history (event, available, version, comments):</i> SP-08 23/06/2000 4 . 0 . 0 32,304 edito 24/10/2000 4 . 0 . 1 SP-10 08/01/2001 4 . 1 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>history (event, available, version, comments):</i> SP-08 23/06/2000 4 . 0 . 0 edito 24/10/2000 4 . 0 . 1 SP-10 08/01/2001 4 . 1 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
		get it				

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005	Technical performance objectives					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-10 08/01/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 06/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-17 17/09/2002 4 . 2 . 0	get it				
<hr/>						
TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	TP-11 23/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	For test spec, see 51.013.		
	TP-14 17/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-16 25/06/2002 4 . 2 . 0	get it				
	TP-17 27/09/2002 4 . 3 . 0	get it				
<hr/>						
TS 43.020	Security-related network functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	SP-09 04/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-4	current version: 4.5.0 freeze_meeting: SP-11	WG (prime / other): G1 / N1 G: yes U:	rapporteur: HOWELL, Andrew MCC: USAI, Paolino		MOTOROLA Ltd	
history (event, available, version, comments):						
	GP-01 10/10/2000 4 . 0 . 0	get it	remarks - general:	Moved from SMG3 Jan 2000.		
	edito 24/10/2000 4 . 0 . 1	get it	remarks - this release:			
	GP-02 24/11/2000 4 . 1 . 0	get it				
	edito 30/11/2000 4 . 1 . 1	get it				
	GP-03 15/02/2001 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				
<hr/>						
TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-4	current version: 4.0.1 freeze_meeting: SP-11	WG (prime / other): G1 / NP G: yes U:	rapporteur: ANDERSEN, Niels Peter MCC: USAI, Paolino		MOTOROLA A/S Skov	
history (event, available, version, comments):						
	GP-04 11/04/2001 4 . 0 . 0	get it	remarks - general:			
	re-issue as TR (not TS) as per 03.26	get it	remarks - this release:			
	31/07/2002 4 . 0 . 1					
<hr/>						
TR 43.030	Radio network planning aspects					
Rel-4	current version: 4.0.1 freeze_meeting: SP-11	WG (prime / other): G1 / - G: yes U:	rapporteur: TEGTH, Ulf MCC: USAI, Paolino		TeliaSonera AB	
history (event, available, version, comments):						
	GP-01 10/10/2000 4 . 0 . 0	get it	remarks - general:			
	some refs revert to pre-Rel-4 GSM format	get it	remarks - this release:			
	24/10/2000 4 . 0 . 1					
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 / - G: yes U:	rapporteur: MCKIBBEN, Bernie MCC: POPE, Maurice		MOTOROLA GmbH	
history (event, available, version, comments):						
	SP-11 10/04/2001 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 43.045	Technical Realization of Facsimile Group 3 Service - transparent				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / - G: yes U:	<i>rapporteur:</i> BOSWARTHICK, David <i>MCC:</i> BOSWARTHICK, David	ETSI Secretariat	
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> GIRAUD, Alexis <i>MCC:</i> USAI, Paolino	ALCATEL S.A.	
<i>history (event, available, version, comments):</i> GP-04 11/04/2001 4 . 0 . 0					
get it <i>remarks - general:</i> <i>remarks - this release:</i>					
<hr/>					
TS 43.055	Dual Transfer Mode (DTM); Stage 2				
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / G2 G: yes U:	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis <i>MCC:</i> USAI, Paolino	VODAFONE Group Plc	
<i>history (event, available, version, comments):</i> GP-04 11/04/2001 4 . 0 . 0 GP-05 29/06/2001 4 . 1 . 0					
get it <i>remarks - general:</i> get it <i>remarks - this release:</i>					
<hr/>					
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> MONFORT, Jean-Yves <i>MCC:</i> USAI, Paolino	France Telecom	
<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
draft	02/02/2001	1	.	0	.	2
GP-04	09/05/2001	4	.	0	.	0
GP-05	29/06/2001	4	.	1	.	0
GP-06	01/10/2001	4	.	2	.	0
GP-07	04/01/2002	4	.	3	.	0
GP-08	19/02/2002	4	.	4	.	0
GP-10	19/07/2002	4	.	5	.	0

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[get it](#) *remarks - this release:*
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TS 43.064 Overall description of the GPRS radio interface; Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

GP-03	15/02/2001	4	.	0	.	0
GP-04	20/04/2001	4	.	1	.	0
GP-07	04/01/2002	4	.	2	.	0
GP-08	19/02/2002	4	.	3	.	0

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

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

Rel-4 *current version:* 4.2.2 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
NP-10	02/01/2001	4	.	2	.	0
edito	17/06/2002	4	.	2	.	1
edito	28/06/2002	4	.	2	.	2

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ACTIVE specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2 *freeze_meeting:* SP-11
history (event, available, version, comments):

NP-08	23/06/2000	4	.	0	.	0	
NP-09	12/10/2000	4	.	1	.	0	
edito	28/06/2002	4	.	1	.	1	
NP-10	03/01/2001	4	.	2	.	0	
edito	06/06/2002	4	.	2	.	1	
Note 1 to 9 and Note 2 to 10 in fig. 4	27/06/2002	4	.	2	.	2	

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 43.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* 4.0.0 *freeze_meeting:* SP-16
history (event, available, version, comments):

SP-16	24/06/2002	4	.	0	.	0	= 23.073 v4.0.0
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WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 **44** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Rel-4 *current version:* 4.1.0 *freeze_meeting:* SP-11
history (event, available, version, comments):

NP-11	11/04/2001	4	.	0	.	0	
NP-16	20/06/2002	4	.	1	.	0	

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

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

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

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ACTIVE specs 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 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: remarks - this release:						
<hr/>									
TS 44.004	Layer 1 - General Requirements								
Rel-4	current version: 4.2.0 freeze_meeting: GP-04	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG					
		G: yes U:	MCC: THOMASEN, Gert						
	history (event, available, version, comments): GP-04 04/05/2001 4 . 0 . 0 GP-06 14/09/2001 4 . 1 . 0 GP-07 08/01/2002 4 . 2 . 0	get it get it get it	remarks - general: remarks - this release:						
<hr/>									
TS 44.005	Data Link (DL) Layer General Aspects								
Rel-4	current version: 4.0.0 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: remarks - this release:						
<hr/>									
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification								
Rel-4	current version: 4.1.0 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 GP-08 19/02/2002 4 . 1 . 0	get it get it	remarks - general: remarks - this release:						
<hr/>									
TS 44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
Rel-4	current version: 4.0.1 freeze_meeting: GP-04	WG (prime / other): G2 / N2	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 edito 17/12/2002 4 . 0 . 1	get it get it	remarks - general: Rel-4 onwards. (Rel-99 was 24.012) remarks - this release: TSG#11: Replaces 24.012 for Rel-4 on.						

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 44.013 Performance Requirements on Mobile Radio Interface

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-10 19/07/2002 4 . 2 . 0 [get it](#)

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

Rel-4 *current version:* 4.13.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
04.18 to 3G format 10/08/2000 4 . 0 . 0 [get it](#) *remarks - general:*
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release: #32:9.0.0 MCC-converted Aug00:*
edito 24/10/2000 4 . 1 . 1 [get it](#)
GP-02 21/12/2000 4 . 2 . 0 [get it](#)
GP-03 31/01/2001 4 . 3 . 0 [get it](#)
GP-04 04/05/2001 4 . 4 . 0 [get it](#)
GP-05 18/06/2001 4 . 5 . 0 [get it](#)
GP-06 10/09/2001 4 . 6 . 0 [get it](#)
GP-07 08/01/2002 4 . 7 . 0 [get it](#)
GP-08 19/02/2002 4 . 8 . 0 [get it](#)
GP-09 02/05/2002 4 . 9 . 0 [get it](#)
edito post GP-09 28/05/2002 4 . 9 . 1 [get it](#)
GP-10 19/07/2002 4 . 10 . 0 [get it](#)
GP-11 16/09/2002 4 . 11 . 0 [get it](#)
GP-12 17/12/2002 4 . 12 . 0 [get it](#)
GP-13 21/02/2003 4 . 13 . 0 [get it](#)

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

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ACTIVE specs Rel-4 44 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface					
Rel-4	<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> 4.6.0	<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				
<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 acces; U = required in systems with UMTS access.

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ACTIVE specs Rel-4 44 .- series
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TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	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>
<hr/>					
TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	GP-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	
<hr/>					
TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification				
Rel-4	<i>current version:</i> 4.3.0	<i>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-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 (SNDTCP)				
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / - G: yes U:	<i>rapporteur:</i> DOIG, Ian <i>MCC:</i> JORGENSEN, Per Johan	MOTOROLA S.A.S	
	<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			
<hr/>					
TS 44.068	Group Call Control (GCC) Protocol				
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / - G: yes U:	<i>rapporteur:</i> GARAPATY, Sonia <i>MCC:</i> JORGENSEN, Per Johan	Nortel Networks (USA)	
	<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			
<hr/>					
TS 44.069	Broadcast Call Control (BCC) protocol				
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / - G: yes U:	<i>rapporteur:</i> GARAPATY, Sonia <i>MCC:</i> JORGENSEN, Per Johan	Nortel Networks (USA)	
	<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			
<hr/>					
TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification				
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / - G: yes U:	<i>rapporteur:</i> ANDERSEN, Niels Peter <i>MCC:</i> THOMASEN, Gert	MOTOROLA A/S	
	<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 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

Rel-4 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.001 Physical layer on the radio path; General description

Rel-4 *current version:* 4.1.0 *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](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-07 04/01/2002 4 . 1 . 0 [get it](#)

TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-4 *current version:* 4.6.0 *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](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-02 24/11/2000 4 . 1 . 0 [get it](#)
edito 30/11/2000 4 . 1 . 1 [get it](#)
GP-03 15/01/2001 4 . 2 . 0 [get it](#)
edito 27/02/2001 4 . 2 . 1 [get it](#)
GP-04 20/04/2001 4 . 3 . 0 [get it](#)
GP-06 01/10/2001 4 . 4 . 0 [get it](#)
GP-07 04/01/2002 4 . 5 . 0 [get it](#)
GP-13 21/02/2003 4 . 6 . 0 [get it](#)

TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0 *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-03 06/02/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-07 04/01/2002 4 . 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 Rel-4 45 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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		G: yes U:	<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> 4.10.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats		
	<i>freeze_meeting:</i> SP-11		G: yes U:	<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				

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 45.008	Radio subsystem link control					
Rel-4	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-01 01/09/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-02 24/11/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	edito 30/11/2000 4 . 1 . 1	get it				
	GP-03 15/02/2001 4 . 2 . 0	get it				
	GP-04 20/04/2001 4 . 3 . 0	get it				
	GP-05 29/06/2001 4 . 4 . 0	get it				
	GP-06 01/10/2001 4 . 5 . 0	get it				
	GP-07 04/01/2002 4 . 6 . 0	get it				
	GP-08 18/02/2002 4 . 7 . 0	get it				
	GP-09 06/05/2002 4 . 8 . 0	get it				
	GP-10 19/07/2002 4 . 9 . 0	get it				

TS 45.009	Link adaptation					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino	Skov		
	<i>history (event, available, version, comments):</i>					
	GP-02 06/02/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-06 01/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-07 04/01/2002 4 . 2 . 0	get it				

TS 45.010	Radio subsystem synchronization					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	GP-04 20/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-07 04/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-08 19/02/2002 4 . 2 . 0	get it				
	GP-10 19/07/2002 4 . 3 . 0	get it				
	GP-13 21/02/2003 4 . 4 . 0	get it				

G = required in systems with GERAN 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

TR 45.022	Radio link management in hierarchical networks				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<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/>					
TR 45.050	Background for RF Requirements				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-11	G: yes U:	Skov		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> USAI, Paolino		
	GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
	make figures 01/08/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>		
	legible				
<hr/>					
TS 45.056	CTS-FP Radio Sub-system				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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 Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	SP-11 10/10/2001 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 46.002	Half Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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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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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino			T-MOBILE DEUTSCHLAND
	<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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TS 46.010	Full-rate speech transcoding					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> LORENZ, Dietmar <i>MCC:</i> USAI, Paolino			PHILIPS Semiconductors
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-12 29/06/2001 4 . 1 . 0	get it 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 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino			NORTEL NETWORKS (EUROPE)
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> SERENO, Daniele <i>MCC:</i> USAI, Paolino			TELECOM ITALIA S.p.A.
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-12 29/06/2001 4 . 1 . 0	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
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TS 46.020	Half Rate Speech Transcoding					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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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TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		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	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
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TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
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TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		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	G: yes U:	<i>MCC:</i> USAI, Paolino			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
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TS 46.051	GSM Enhanced full rate speech processing functions: General description					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> USAI, Paolino			
		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 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino		T-MOBILE DEUTSCHLAND	
	<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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TS 46.060	Enhanced full rate speech transcoding					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<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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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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<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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Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino			NOKIA Corporation
	<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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TR 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
Rel-4	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino			Telecom Italia Lab S.p.A.
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 fix invisible figures 10/01/2002 4 . 0 . 1		get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
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TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino			NOKIA Corporation
	<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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TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino			NOKIA Corporation
	<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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TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino			Telecom Italia Lab S.p.A.
	<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 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001 General Aspects on the BSS-MSC Interface

Rel-4 *current version:* 4.0.0 *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 48.002 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: THOMASEN, Gert

history (event, available, version, comments):

GP-04 04/05/2001 4 . 0 . 0

GP-05 18/06/2001 4 . 1 . 0

GP-07 08/01/2002 4 . 2 . 0 Rel-5 CR undone. Effectively reverts to 4.0.0

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

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Rel-4 *current version:* 4.0.0 *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 48.006 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:

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 Skov

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

history (event, available, version, comments):

08.08 to 3G format	11/08/2000	4	.	0	.	0
GP-01	11/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
GP-02	11/01/2001	4	.	2	.	0
GP-03	31/01/2001	4	.	3	.	0
GP-04	04/05/2001	4	.	4	.	0
GP-06	14/09/2001	4	.	5	.	0
GP-07	08/01/2002	4	.	6	.	0
GP-08	19/02/2002	4	.	7	.	0
GP-10	19/07/2002	4	.	8	.	0

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 Skov

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

history (event, available, version, comments):

GP-04	04/05/2001	4	.	0	.	0
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remarks - general:

remarks - this release:

TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Network Service

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 Skov

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

history (event, available, version, comments):

GP-02	17/11/2000	4	.	0	.	0
GP-04	04/05/2001	4	.	1	.	0
edito	07/06/2001	4	.	1	.	1
GP-06	14/09/2001	4	.	2	.	0

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remarks - general:

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA		
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	GP-02 17/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-03 31/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-04 04/05/2001 4 . 2 . 0	get it				
	GP-05 18/06/2001 4 . 3 . 0	get it				
	edito 29/06/2001 4 . 3 . 1	get it				
	GP-06 10/09/2001 4 . 4 . 0	get it				
	GP-09 06/05/2002 4 . 5 . 0	get it				

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	NP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 19/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04	G: yes U:	Skov			
			<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>			

TS 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04	G: yes U:	Skov			
			<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>			

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ACTIVE specs Rel-4 48 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
Rel-4	<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 (BSC-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	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
	edito 28/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>		
	GP-08 19/02/2002 4 . 1 . 0	get it			

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
Rel-4	<i>current version:</i> 4.1.1 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.	
	GP-08 19/02/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>	Cover sheet still shows version 4.0.0 and wrong date.	
	editorial pody GP-08 20/03/2002 4 . 1 . 1	get it			

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification				
Rel-4	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version, comments):</i>				
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-06 14/09/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	GP-07 08/01/2002 4 . 2 . 0	get it			
	GP-08 19/02/2002 4 . 3 . 0	get it			

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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:* 4.0.1 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 03/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-06 14/09/2001 4 . 1 . 0 [get it](#)
edito 03/10/2001 4 . 1 . 1 [get it](#)
GP-07 08/01/2002 4 . 2 . 0 [get it](#)
GP-10 19/07/2002 4 . 3 . 0 [get it](#)

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.059 Enhanced Data rates for GSM Evolution (EDGE); Project scheduling and open issues for EDGE

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

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ACTIVE specs Rel-4 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

Rel-4 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-1 Mobile Station (MS) conformance specification; Part 1: Conformance specification

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /

T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

conversion from	01/08/2000	4	.	0	.	1
11.10-1 v9.0.1						
edito	24/10/2000	4	.	0	.	2
GP-02	01/12/2000	4	.	1	.	0
edito to correct	01/12/2000	4	.	1	.	1
Release						
edito	17/01/2001	4	.	1	.	2
GP-03	22/01/2001	4	.	2	.	0
GP-04	11/04/2001	4	.	3	.	0
GP-05	05/06/2001	4	.	4	.	0
GP-06	31/08/2001	4	.	5	.	0
GP-07	09/01/2002	4	.	6	.	0
GP-08	26/02/2002	4	.	7	.	0
GP-09	03/05/2002	4	.	8	.	0
GP-10	19/07/2002	4	.	9	.	0
GP-11	20/09/2002	4	.	10	.	0

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

remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

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

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14
NP /
T2 /
SCP /
G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version, comments):

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
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 editorial	18/01/2002	4	.	3	.	1
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

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

remarks - this release:

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11
NP /
T2 /
SCP /
G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version, comments):

GP-01	06/09/2000	4	.	0	.	0
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

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

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

TS 51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
Rel-4	<i>current version:</i> 4.6.0		<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>		<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	TP-11	09/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	TP-14: talk of changing title to "Characteristics of the SIM application".			
	TP-12	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems to be			
	TP-13	11/10/2001	4 . 2 . 0	get it		open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version withdrawn!			
	TP-14	17/01/2002	4 . 3 . 0	get it					
	TP-16	25/06/2002	4 . 4 . 0	get it					
	TP-17	18/09/2002	4 . 5 . 0	get it					
	TP-18	02/01/2003	4 . 6 . 0	get it					
<hr/>									
TS 51.013	Test specification for SIM API for Java card								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> LLOBREGAT, Fernando	OBERTHUR CARD SYSTEMS S.A.			
	<i>freeze_meeting:</i> TP-21		<i>G: yes U:</i>		<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version, comments):</i>								
	TP-16	26/06/2002	1 . 0 . 0	get it	<i>remarks - general:</i>	TP-020128			
	TP-17	23/09/2002	2 . 0 . 0	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029. without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.			
<hr/>									
TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> G3 / -		<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	GP-07	11/01/2002	4 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-10	19/07/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>	.			
	GP-12	03/01/2003	4 . 2 . 0	get it					
	GP-13	21/02/2003	4 . 3 . 0	get it					
<hr/>									
TS 51.026	GSM Repeater Equipment Specification								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G3 / -		<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>								
	post-GP-07	23/01/2002	4 . 0 . 0	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			

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ACTIVE specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

Rel-4 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.021 Network Management (NM) Procedures and Messages on the A-bis Interface

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
GP-09 06/05/2002 4 . 0 . 0

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

TS 52.402 Telecommunication management; Performance Management (PM); Performance measurements - GSM

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-13 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402
SP-16 20/06/2002 4 . 1 . 0

[get it](#) *remarks - general:* SP-13: replaces 32.402.
[get it](#) *remarks - this release:* .

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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ACTIVE specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	GSM Release 1999 Specifications					
R99	current version: 8.8.0 freeze_meeting: SP-06	WG (prime / other): SP / - G: yes U:		rapporteur: MEREDITH, John M MCC: POPE, Maurice	ETSI Secretariat	
<i>history (event, available, version, comments):</i>						
	draft 01/08/1999	0 . 0 . 0		get it	remarks - general:	
	draft 01/08/1999	0 . 0 . 1		get it	remarks - this release:	
	mods to draft 01/09/1999	0 . 0 . 2		get it		
	more mods 07/09/1999	0 . 0 . 3		get it		
	WOME cmts included 15/09/1999	0 . 1 . 0		get it		
	Becomes T2/smg4 responsibility 21/09/1999	0 . 2 . 0		get it		
	draft 04/08/2000	0 . 3 . 0		get it		
	editorials 01/10/1999	0 . 3 . 0		get it		
	align with 21.101 07/10/1999	0 . 4 . 0		get it		
	smg-30 11/11/1999	1 . 0 . 0		get it		
	align with 21.101 smg-31 bis 30/11/1999	1 . 1 . 0	Alignment with 21.101: 1.1.0.	get it		
	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		
<hr/>						
TR 01.04	Abbreviations and acronyms					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): GP / - G: yes U:		rapporteur: CLAYTON, Michael MCC: USAI, Paolino	EMCOM Ltd	
<i>history (event, available, version, comments):</i>						
	upgrade to R99 10/05/2000	8 . 0 . 0		get it	remarks - general:	
					remarks - this release:	.

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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:* .

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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	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): T3 / S1 G: yes U:	rapporteur: HOOKER, Philip MCC: DIETZE, Claus		ORANGE PCS LTD	
history (event, available, version, comments): smg-30 11/11/1999 8 . 0 . 0		get it	remarks - general: remarks - this release:			
<hr/>						
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
R99	current version: 8.0.0 freeze_meeting: SP-12	WG (prime / other): T3 / - G: yes U:	rapporteur: DIETRICH, Christian MCC: DIETZE, Claus		SchlumbergerSema - Schlumberger Systèmes S.A	
history (event, available, version, comments): TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14		get it	remarks - general: SMG9->T3@#31 remarks - this release: Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!			
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): S3 / G: yes U:	rapporteur: MCKIBBEN, Bernie MCC: POPE, Maurice		MOTOROLA GmbH	
history (event, available, version, comments): Upgrade to R99 14/04/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1		get it get it	remarks - general: remarks - this release: .			
<hr/>						
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S1 / G: yes U:	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation	
history (event, available, version, comments): SP-11 02/05/2001 8 . 0 . 0		get it	remarks - general: remarks - this release: TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version too!			
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): T3 / S3 G: yes U:	rapporteur: BARNES, Nigel MCC: DIETZE, Claus		MOTOROLA Ltd	
history (event, available, version, comments): Upgrade to R99 17/05/2000 8 . 0 . 0		get it	remarks - general: SMG9->T3@#31 remarks - this release: .			

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	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i> upgrade to R99 16/11/2000 8 . 0 . 0 ETSI publication 20/07/2001 8 . 0 . 1	G: yes U:	<i>MCC:</i> USAI, Paolino		
		get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
		get it	<i>remarks - this release:</i> Nov-00: Created to fill the gap.		
<hr/>					
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1				
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.	
	<i>history (event, available, version, comments):</i> Upgrade to R99 01/05/2000 8 . 0 . 0 ETSI publication 17/10/2000 8 . 0 . 1	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
		get it	<i>remarks - general:</i>		
		get it	<i>remarks - this release:</i> .		
<hr/>					
TS 02.68	Voice Group Call Service (VGCS); Stage 1				
R99	<i>current version:</i> 8.1.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer	
	<i>history (event, available, version, comments):</i> smg-31 30/11/2000 8 . 0 . 0 SP-10 12/01/2001 8 . 1 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
		get it	<i>remarks - general:</i>		
		get it	<i>remarks - this release:</i>		
<hr/>					
TS 02.69	Voice Broadcast Service (VBS); Stage 1				
R99	<i>current version:</i> 8.1.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer	
	<i>history (event, available, version, comments):</i> Upgrade to R99 10/05/2000 8 . 0 . 0 ETSI publication 17/10/2000 8 . 0 . 1 SP-10 12/01/2001 8 . 1 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
		get it	<i>remarks - general:</i>		
		get it	<i>remarks - this release:</i> . TSG#10:8.1.0		
		get it			
<hr/>					
TS 02.76	Noise Suppression for the AMR				
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>history (event, available, version, comments):</i> smg-29 2 . 0 . 0 SP-07 17/03/2000 8 . 0 . 0 ETSI publication 30/07/2002 8 . 0 . 1 (not for 3GPP server)	G: yes U:	<i>MCC:</i> USAI, Paolino		
		get it	<i>remarks - general:</i>		
		get it	<i>remarks - this release:</i>		
					ETSI publication only - 3GPP use 8.0.0

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 02.94	Follow Me Service description; Stage 1				
R99	<i>current version:</i> 8.0.0	<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-28 1 . 0 . 0				<i>remarks - general:</i>
	smg-30 11/11/1999 8 . 0 . 0				<i>remarks - this release:</i> #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or common.
			get it		
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1				
R99	<i>current version:</i> 8.0.0	<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>				
	SP-07 17/03/2000 8 . 0 . 0				
			get it		<i>remarks - general:</i>
					<i>remarks - this release:</i> .

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05	Technical performance objectives				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<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> .
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types				
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-29 30/06/1999 8 . 0 . 0				
	NP-06 17/12/1999 8 . 1 . 0				get it
	NP-09 18/10/2000 8 . 2 . 0				get it
	NP-10 21/12/2000 8 . 3 . 0				get it

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

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
<i>history (event, available, version, comments):</i> Upgrade to R99 29/03/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>					
TS 03.19	GSM API for SIM toolkit stage 2				
R99	<i>current version:</i> 8.5.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / - G: yes U:	<i>rapporteur:</i> DIETRICH, Christian <i>MCC:</i> DIETZE, Claus		SchlumbergerSema - Schlumberger Systèmes S.A
<i>history (event, available, version, comments):</i> Upgrade to R99 27/07/2001 8 . 0 . 0 TP-11 27/07/2001 8 . 1 . 0 TP-12 27/07/2001 8 . 2 . 0 TP-14 17/01/2002 8 . 3 . 0 TP-16 19/06/2002 8 . 4 . 0 editorial post TP-16 14/08/2002 8 . 4 . 1 TP-17 27/09/2002 8 . 5 . 0		get it get it get it get it get it get it	<i>remarks - general:</i> SMG9->T3@#31 <i>remarks - this release:</i>		
<hr/>					
TS 03.20	Security-related Network Functions				
R99	<i>current version:</i> 8.1.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 / NP / GP G: yes U:	<i>rapporteur:</i> NGUYEN NGOC, Sebastien <i>MCC:</i> POPE, Maurice		France Telecom
<i>history (event, available, version, comments):</i> smg-30 24/11/1999 8 . 0 . 0 smg-32 20/06/2000 8 . 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 R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R99	current version: 8.7.0 freeze_meeting: SP-06	WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S			
	history (event, available, version, comments):	G: yes U:	MCC:				
	smg-29 30/06/1999 8 . 0 . 0	get it	remarks - general:	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	remarks - this release:	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					
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S			
	history (event, available, version, comments):	G: yes U:	MCC:				
	Upgrade to R99 29/03/2000 8 . 0 . 0	get it	remarks - general:	.			
			remarks - this release:	.			
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R99	current version: 8.3.0 freeze_meeting: SP-06	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf USAI, Paolino	TeliaSonera AB			
	history (event, available, version, comments):	G: yes U:	MCC:				
	smg-29 30/06/1999 8 . 0 . 0	get it	remarks - general:				
	smg-30 11/11/1999 8 . 1 . 0	get it	remarks - this release:	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0			
	smg-30 bis 06/12/1999 8 . 2 . 0	get it					
	smg-31 16/02/2000 8 . 3 . 0	get it					
<hr/>							
TS 03.33	Lawful Interception; Stage 2						
R99	current version: 8.1.0 freeze_meeting: SP-06	WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie POPE, Maurice	MOTOROLA GmbH			
	history (event, available, version, comments):	G: yes U:	MCC:				
	Upgrade to R99 30/06/2000 8 . 0 . 0	get it	remarks - general:				
	SP-10 21/12/2000 8 . 1 . 0	get it	remarks - this release:	TSG#10:8.1.0			

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 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): N3 / - G: yes U:	rapporteur: BOSWARTHICK, David MCC: BOSWARTHICK, David	ETSI Secretariat		
history (event, available, version, comments):						
	smg-29 30/06/1999 8 . 0 . 0		get it	remarks - general:		
	ETSI publication 30/10/2001 8 . 0 . 1		get it	remarks - this release:		
<hr/>						
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 / - G: yes U:	rapporteur: BOSWARTHICK, David MCC: BOSWARTHICK, David	ETSI Secretariat		
history (event, available, version, comments):						
	NP-06 17/12/1999 8 . 0 . 0 (source Klehn)		get it	remarks - general:		
	ETSI publication 8 . 0 . 1 ETSI format only. Not for 3GPP use.			remarks - this release:		
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R99	current version: 8.8.0 freeze_meeting: SP-06	WG (prime / other): T3 / - G: yes U:	rapporteur: BARNES, Nigel MCC: DIETZE, Claus	MOTOROLA Ltd		
history (event, available, version, comments):						
	smg-29 30/06/1999 8 . 0 . 0		get it	remarks - general: SMG9->T3@#31		
	smg-30 11/11/1999 8 . 1 . 0		get it	remarks - this release:		
	smg-31 16/02/2000 8 . 2 . 0		get it			
	TP-08 28/06/2000 8 . 3 . 0		get it			
	TP-09 18/10/2000 8 . 4 . 0		get it			
	TP-11 09/04/2001 8 . 5 . 0		get it			
	TP-12 06/07/2001 8 . 6 . 0		get it			
	TP-13 12/10/2001 8 . 7 . 0		get it			
	TP-14 17/01/2002 8 . 8 . 0		get it			
<hr/>						
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 freeze_meeting: SP-06	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	Telecom Italia Lab S.p.A.		
history (event, available, version, comments):						
	Upgrade to R99 29/03/2000 8 . 0 . 0		get it	remarks - general:		
	ETSI publication 22/09/2000 8 . 0 . 1		get it	remarks - this release: #32:8.1.0		
	smg-32 20/06/2000 8 . 1 . 0		get it			
	ETSI publication 29/11/2000 8 . 1 . 1		get it			

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

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> GIRAUD, Alexis <i>MCC:</i> USAI, Paolino		ALCATEL S.A.	
	<i>history (event, available, version, comments):</i> Upgrade to R99 29/03/2000 8 . 0 . 0 ETSI publication 29/09/2000 8 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / NP / S2 G: yes U:	<i>rapporteur:</i> FAUCONNIER, Denis <i>MCC:</i> USAI, Paolino		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i> Upgrade to R99 30/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11 <i>remarks - this release:</i> .			
<hr/>						
TS 03.55	Dual Transfer Mode (DTM); Stage 2					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G1 / G2 G: yes U:	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis <i>MCC:</i> USAI, Paolino		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i> GP-02 05/01/2001 8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> GERAN#2: 8.0.0			
<hr/>						
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> MONFORT, Jean-Yves <i>MCC:</i> USAI, Paolino		France Telecom	
	<i>history (event, available, version, comments):</i> Upgrade to R99 30/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 *current version:* 8.10.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	09/10/2000	8	.	6	.	0
GP-03	15/02/2001	8	.	7	.	0
GP-04	20/04/2001	8	.	8	.	0
GP-07	04/01/2002	8	.	9	.	0
GP-08	19/02/2002	8	.	10	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-31	16/02/2000	8	.	0	.	0
NP-07	17/03/2000	8	.	1	.	0
smg-32	20/06/2000	8	.	2	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
[get it](#)

TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-31	16/02/2000	8	.	0	.	0
NP-07	17/03/2000	8	.	1	.	0
smg-32	20/06/2000	8	.	2	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
[get it](#)

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

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ACTIVE specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 *current version:* 8.7.0 *freeze_meeting:* SP-06 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

Upgrade to R99	30/06/2000	8	.	0	.	0	
SP-11	11/04/2001	8	.	1	.	0	get it
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

remarks - general:
remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0 *freeze_meeting:* SP-16 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

SP-16	24/06/2002	8	.	0	.	0	technically identical to 23.073 v3.0.1 get it
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remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.
remarks - this release: SP-16: 23.073 reverts to GERAN-only.

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0 *freeze_meeting:* SP-06 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-31	16/02/2000	8	.	0	.	0	get it
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remarks - general:
remarks - this release: #31: 8.0.0

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 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R99	<i>current version:</i> 8.0.2 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 07/09/2001 8 . 0 . 1	get it	<i>remarks - this release:</i>		
	edito 17/06/2002 8 . 0 . 2	get it			
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R99	<i>current version:</i> 8.1.2 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken THOMASEN, Gert	SIEMENS AG	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	ETSI publication 07/09/2001 8 . 1 . 1	get it			
	edito 17/06/2002 8 . 1 . 2	get it			
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R99	<i>current version:</i> 8.0.2 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	Upgrade to R99 30/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 22/09/2000 8 . 0 . 1	get it	<i>remarks - this release:</i>		
	edito 17/06/2002 8 . 0 . 2	get it			
<hr/>					
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
R99	<i>current version:</i> 8.2.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	Upgrade to R99 30/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 29/09/2000 8 . 0 . 1	get it	<i>remarks - this release:</i>		
	GP-03 31/01/2001 8 . 1 . 0	get it			
	edito 31/01/2001 8 . 1 . 1	get it			
	GP-08 19/02/2002 8 . 2 . 0	get it			
	edito 17/06/2002 8 . 2 . 1	get it			

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08	Mobile radio interface layer 3 specification					
R99	current version: 8.0.0	WG (prime / other): N1 / G2	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, comments):					
	smg-29 30/06/2000 8 . 0 . 0	get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen		
			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!		
<hr/>						
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface					
R99	current version: 8.0.0	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels Peter	MOTOROLA A/S		
	freeze_meeting: GP-04	G: yes U:	Skov			
	history (event, available, version, comments):		MCC: THOMASEN, Gert			
	GP-04 24/04/2001 8 . 0 . 0	get it	remarks - general:			
			remarks - this release:	Replaces 24.012 R99.		
<hr/>						
TS 04.13	Performance Requirements on Mobile Radio Interface					
R99	current version: 8.0.1	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc		
	freeze_meeting: SP-06	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, 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		
<hr/>						
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions					
R99	current version: 8.4.0	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, comments):					
	Upgrade to R99 30/03/2000 8 . 0 . 0	get it	remarks - general:			
	smg-32 20/06/2000 8 . 1 . 0	get it	remarks - this release:			
	GP-04 24/04/2001 8 . 2 . 0	get it				
	GP-05 18/06/2001 8 . 3 . 0	get it				
	GP-10 19/07/2002 8 . 4 . 0	get it				

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

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ACTIVE specs R99 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 *current version:* 8.18.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0	
smg-30	11/11/1999	8	.	1	.	0	
smg-30 bis	06/12/1999	8	.	2	.	0	
smg-31	16/02/2000	8	.	3	.	0	
ETSI publication	05/10/2000	8	.	3	.	1	
smg-31 bis	17/04/2000	8	.	4	.	0	
ETSI publication	17/10/2000	8	.	4	.	1	
smg-32	20/06/2000	8	.	5	.	0	
GP-01	11/10/2000	8	.	6	.	0	
GP-02	21/12/2000	8	.	7	.	0	
GP-03	31/01/2001	8	.	8	.	0	
GP-04	04/05/2001	8	.	9	.	0	
GP-05	18/06/2001	8	.	10	.	0	
GP-06	10/09/2001	8	.	11	.	0	
GP-07	08/01/2002	8	.	12	.	0	
GP-08	19/02/2002	8	.	13	.	0	
GP-09	02/05/2002	8	.	14	.	0	
GP-10	19/07/2002	8	.	15	.	0	
GP-11	16/09/2002	8	.	16	.	0	
GP-12	17/12/2002	8	.	17	.	0	
GP-13	21/02/2003	8	.	18	.	0	

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remarks - general:

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remarks - this release:

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TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 *current version:* 8.3.0 *WG (prime / other):* 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	
NP-08	28/06/2000	8	.	1	.	0	
NP-09	18/10/2000	8	.	2	.	0	
NP-10	21/12/2000	8	.	3	.	0	

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remarks - general:

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remarks - this release: #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0

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

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ACTIVE specs R99 04 .- series
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TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R99	current version: 8.10.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
Upgrade to R99	30/03/2000	8 . 0 . 0	get it	remarks - general:	
smg-31 bis	17/04/2000	8 . 1 . 0	get it	remarks - this release:	
GP-02	30/11/2000	8 . 2 . 0	get it		
GP-03	31/01/2001	8 . 3 . 0	get it		
GP-04	04/05/2001	8 . 4 . 0	get it		
GP-05	18/06/2001	8 . 5 . 0	get it		
GP-06	14/09/2001	8 . 6 . 0	get it		
GP-07	08/01/2002	8 . 7 . 0	get it		
GP-08	19/02/2002	8 . 8 . 0	get it		
GP-09	02/05/2002	8 . 9 . 0	get it		
GP-10	19/07/2002	8 . 10 . 0	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R99	current version: 8.4.1	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert		
<i>history (event, available, version, comments):</i>					
Upgrade to R99	30/03/2000	8 . 0 . 0	get it	remarks - general:	
smg-31 bis	17/04/2000	8 . 1 . 0	get it	remarks - this release:	
GP-01	11/10/2000	8 . 2 . 0	get it		
GP-03	31/01/2001	8 . 3 . 0	get it		
GP-07	08/01/2002	8 . 4 . 0	get it		
edito	17/06/2002	8 . 4 . 1	get it		

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
R99	current version: 8.0.1	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL S.A.	
	freeze_meeting: SP-06	G: yes U:	MCC: JORGENSEN, Per Johan		
<i>history (event, available, version, comments):</i>					
smg-31	16/02/2000	8 . 0 . 0	get it	remarks - general:	
ETSI publication	29/08/2000	8 . 0 . 1	get it	remarks - this release: #31: 8.0.0	

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

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ACTIVE specs R99 04 .- series
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TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

R99 *current version:* 8.0.1 *WG (prime / other):* 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	<i>remarks - general:</i>
ETSI publication	29/08/2000	8	.	0	.	1		get it	<i>remarks - this release: #31: 8.0.0</i>

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R99 *current version:* 8.17.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0		get it	<i>remarks - general:</i>
smg-30	11/11/1999	8	.	1	.	0		get it	<i>remarks - this release:</i>
smg-30 bis	06/12/1999	8	.	2	.	0		get it	
smg-31	16/02/2000	8	.	3	.	0		get it	
ETSI publication	05/10/2000	8	.	3	.	1		get it	
smg-31 bis	17/04/2000	8	.	4	.	0		get it	
ETSI publication	17/10/2000	8	.	4	.	1		get it	
smg-32	20/06/2000	8	.	5	.	0		get it	
GP-01	11/10/2000	8	.	6	.	0		get it	
GP-02	27/11/2000	8	.	7	.	0		get it	
GP-03	31/01/2001	8	.	8	.	0		get it	
GP-04	04/05/2001	8	.	9	.	0		get it	
GP-05	29/06/2001	8	.	10	.	0		get it	
GP-06	14/09/2001	8	.	11	.	0		get it	
GP-07	07/01/2002	8	.	12	.	0		get it	
edito	08/01/2002	8	.	12	.	1		get it	
GP-08	19/02/2002	8	.	13	.	0		get it	
GP-09	03/05/2002	8	.	14	.	0		get it	
edito post	GP-09	28/05/2002	8	.	14	.	1	get it	
GP-10	19/07/2002	8	.	15	.	0		get it	
GP-11	16/09/2002	8	.	16	.	0		get it	
GP-12	17/12/2002	8	.	17	.	0		get it	

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

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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	G: yes U:	<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 (SNDCP)				
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	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> 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	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>		
	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	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>		
	NP-07 17/03/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		

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ACTIVE specs R99 04 .- series
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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

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remarks - general:

Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.

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remarks - this release:

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R99

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06

G: yes U:

MCC: USAI, Paolino

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-32	20/06/2000	8	.	4	.	0
GP-01	09/10/2000	8	.	5	.	0
GP-07	04/01/2002	8	.	6	.	0

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remarks - general:

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remarks - this release:

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 *current version:* 8.10.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	1
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
ETSI publication		8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
ETSI publication		8	.	5	.	1
GP-01	09/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-06	01/10/2001	8	.	10	.	0

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remarks - general:

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remarks - this release:

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TS 05.03 Channel coding

R99 *current version:* 8.6.1
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
ETSI publication	17/10/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
GP-02	24/11/2000	8	.	6	.	0
edito	15/02/2001	8	.	6	.	1

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remarks - general:

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remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R99 *current version:* 8.4.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-28	12/02/1999	8	.	0	.	0
smg-30 bis	06/12/1999	8	.	1	.	0
edito	02/12/2000	8	.	1	.	1
ETSI publication	21/02/2001	8	.	1	.	2
GP-03	15/02/2001	8	.	2	.	0
GP-05	29/06/2001	8	.	3	.	0
GP-07	04/01/2002	8	.	4	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 05.05 Radio Transmission and Reception

R99 *current version:* 8.14.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
ETSI publication	29/09/2000	8	.	3	.	1
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-09	06/05/2002	8	.	12	.	0
GP-10	19/07/2002	8	.	13	.	0
GP-11	19/09/2002	8	.	14	.	0

[get it](#) *remarks - general:*
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ACTIVE specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 *current version:* 8.15.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-07	04/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	06/05/2002	8	.	14	.	0
GP-10	19/07/2002	8	.	15	.	0

[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
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:*
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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	<i>current version:</i> 8.11.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-31 16/02/1999 8 . 2 . 0	get it				
	ETSI publication 29/09/2000 8 . 2 . 1	get it				
	smg-31 bis 17/04/2000 8 . 3 . 0	get it				
	smg-32 20/06/2000 8 . 4 . 0	get it				
	GP-01 10/10/2000 8 . 5 . 0	get it				
	GP-02 24/11/2000 8 . 6 . 0	get it				
	edito 30/11/2000 8 . 6 . 1	get it				
	GP-03 15/02/2001 8 . 7 . 0	get it				
	GP-04 20/04/2001 8 . 8 . 0	get it				
	GP-08 19/02/2002 8 . 9 . 0	get it				
	GP-10 19/07/2002 8 . 10 . 0	get it				
	GP-13 21/02/2003 8 . 11 . 0	get it				

TR 05.22	Radio link management in hierarchical networks					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/03/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TR 05.50	Background for RF Requirements					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06	G: yes U:	Skov			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> USAI, Paolino			
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-31 16/02/2000 8 . 1 . 0	get it	<i>remarks - this release:</i> #30: 8.0.0 #31:8.1.0 #31b:8.2.0			
	smg-31 bis 17/04/2000 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 Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.02 Half Rate Speech Processing Functions
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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ACTIVE specs R99 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> AFTELAK, Steve <i>MCC:</i> USAI, Paolino			MOTOROLA Ltd
	<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/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino			T-MOBILE DEUTSCHLAND
	<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> .			
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TS 06.10	Full Rate Speech Transcoding					
R99	<i>current version:</i> 8.2.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> LORENZ, Dietmar <i>MCC:</i> USAI, Paolino			PHILIPS Semiconductors
	<i>history (event, available, version, comments):</i> smg-31 16/02/2000 8 . 0 . 0 Editorial 31/05/2000 8 . 0 . 1 smg-32 20/06/2000 8 . 1 . 0 ETSI Publication 30/11/2000 8 . 1 . 1 SP-12 29/06/2001 8 . 2 . 0	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
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TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> NAVARRO, William <i>MCC:</i> USAI, Paolino			NORTEL NETWORKS (EUROPE)
	<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 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.1.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> SERENO, Daniele <i>MCC:</i> USAI, Paolino			TELECOM ITALIA S.p.A.
	<i>history (event, available, version, comments):</i> smg-31 16/02/2000 8 . 0 . 0 ETSI Publication 15/11/2000 8 . 0 . 1 SP-12 29/06/2001 8 . 1 . 0	get it 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

TS 06.20	Half Rate Speech Transcoding					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<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	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 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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<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	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			

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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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<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 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> BARRETT, Paul <i>MCC:</i> USAI, Paolino		Indicate persons who left Company and wait for new One	
	<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 06.51	GSM Enhanced full rate speech processing functions: General description					
R99	<i>current version:</i> 8.2.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> smg-31 16/02/2000 8 . 0 . 0 ETSI publication 15/11/2000 8 . 0 . 1 smg-32 20/06/2000 8 . 1 . 0 ETSI publication 30/11/2000 8 . 1 . 1 SP-10 20/12/2000 8 . 2 . 0	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #32:8.1.0 TSG#10:8.2.0			
<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S4 / - G: yes U:	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<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

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 Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-07 2 . 0 . 0				<i>remarks - general:</i>	New at SMG#31. Then became 06.77; new 06.76 has new title.
	SP-07 17/03/2000 8 . 0 . 0	get it			<i>remarks - this release:</i>	
	fix invisible figures 10/01/2002 8 . 0 . 1	get it				
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TS 06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0	get it			<i>remarks - general:</i>	
	SP-11 10/04/2001 8 . 1 . 0	get it			<i>remarks - this release:</i>	#32:8.0.0 TSG#11:8.1.0
	edito 03/05/2001 8 . 1 . 1	get it				
<hr/>						
TR 06.78	Results of the AMR noise suppression selection phase					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-32 20/06/2000 8 . 0 . 0	get it			<i>remarks - general:</i>	
					<i>remarks - this release:</i>	#32:8.0.0
<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	get it			<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1	get it			<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	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 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov
THOMASEN, Gert
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov
THOMASEN, Gert
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Skov
THOMASEN, Gert
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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ACTIVE specs R99 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
R99 *current version:* 8.13.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>
smg-30	11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>
smg-30 bis	06/12/1999	8 . 2 . 0	get it	
smg-31	16/02/2000	8 . 3 . 0	get it	
smg-31 bis	17/04/2000	8 . 4 . 0	get it	
Fix graphics	16/05/2000	8 . 4 . 1	get it	
smg-32	20/06/2000	8 . 5 . 0	get it	
GP-01	11/10/2000	8 . 6 . 0	get it	
GP-02	27/11/2000	8 . 7 . 0	get it	
GP-03	31/01/2001	8 . 8 . 0	get it	
GP-04	04/05/2001	8 . 9 . 0	get it	
GP-06	14/09/2001	8 . 10 . 0	get it	
GP-07	08/01/2002	8 . 11 . 0	get it	
GP-08	19/02/2002	8 . 12 . 0	get it	
GP-10	19/07/2002	8 . 13 . 0	get it	

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version, comments):

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>

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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	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R99	current version: 8.10.0 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti	MOTOROLA	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments):				
	smg-30 11/11/1999 8 . 0 . 0	get it	remarks - general:		
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	remarks - this release:		
	smg-31 16/02/2000 8 . 2 . 0	get it			
	smg-31 bis 17/04/2000 8 . 3 . 0	get it			
	GP-01 11/10/2000 8 . 4 . 0	get it			
	GP-02 30/11/2000 8 . 5 . 0	get it			
	edito 23/01/2001 8 . 5 . 1	get it			
	GP-03 31/01/2001 8 . 6 . 0	get it			
	GP-04 04/05/2001 8 . 7 . 0	get it			
	GP-05 18/06/2001 8 . 8 . 0	get it			
	GP-06 05/10/2001 8 . 9 . 0	get it			
	GP-09 06/05/2002 8 . 10 . 0	get it			

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R99	current version: 8.4.1 freeze_meeting: SP-06	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation	
		G: yes U:	MCC: BOSWARTHICK, David		
	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:		
	NP-09 18/10/2000 8 . 2 . 0	get it			
	NP-10 21/12/2000 8 . 3 . 0	get it			
	NP-11 04/04/2001 8 . 4 . 0	get it			
	ETSI-format publication 8 . 4 . 1		ETSI publication only - 3GPP tp use 8.4.0		

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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	<i>current version:</i> 8.1.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i>		
	Upgrade to R99 11/05/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-05 18/06/2001 8 . 1 . 0	get it	<i>remarks - this release:</i> .		
	edito 17/06/2002 8 . 1 . 1	get it			
<hr/>					
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</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> .		
<hr/>					
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</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> .		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R99	<i>current version:</i> 8.0.1 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</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> .		

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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 Skov	MOTOROLA A/S	
		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:		
<hr/>					
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 Skov	MOTOROLA A/S	
		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: #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		
	smg-30 11/11/1999 8 . 2 . 0	get it			
	smg-31 16/02/2000 8 . 3 . 0	get it			
	smg-31 bis 17/04/2000 8 . 4 . 0	get it			
	GP-01 11/10/2000 8 . 5 . 0	get it			
	GP-02 30/11/2000 8 . 6 . 0	get it			
<hr/>					
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 Skov	MOTOROLA A/S	
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, comments):				
	smg-30 11/11/1999 8 . 0 . 1	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	remarks - this release:		
	ETSI publication 30/10/2001 8 . 1 . 1	get it			
	GP-08 19/02/2002 8 . 2 . 0	get it			
	replace corrupted figure 2.1 24/01/2003 8 . 2 . 1	get it			

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ACTIVE specs R99 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					
			G: yes U:	MCC:	USAI, Paolino				
<i>history (event, available, version, comments):</i>									
	smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	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 Lab S.p.A.				
	<i>freeze_meeting:</i> SP-06			MCC:	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					
			G: yes U:	MCC:	THOMASEN, Gert				
<i>history (event, available, version, comments):</i>									
	smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-31 bis	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 Server location: http://www.3gpp.org/ftp/Specs/archive/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 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-07 15/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 *current version:* 8.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Rouzbeh Ericsson Incorporated
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-10 02/01/2001 8 . 1 . 0 [get it](#) *remarks - this release:* #31: 8.0.0 TSG#10:8.1.0

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 *current version:* 8.6.0 *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:*
smg-31 bis 17/04/2000 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-32 20/06/2000 8 . 2 . 0 [get it](#)
GP-01 01/09/2000 8 . 3 . 0 [get it](#)
GP-06 14/09/2001 8 . 4 . 0 [get it](#)
GP-07 08/01/2002 8 . 5 . 0 [get it](#)
GP-10 19/07/2002 8 . 6 . 0 [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 freeze_meeting: SP-06	WG (prime / other): S2 / - G: yes U:	rapporteur: GALLIGO, Michel MCC: YOON, Sang-Ui		ALCATEL S.A.	
<i>history (event, available, version, comments):</i> smg-27 09/02/2000 8 . 0 . 0						
get it <i>remarks - general:</i> <i>remarks - this release:</i>						

TR 10.59	Project scheduling and open issues for EDGE					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): G1 / - G: yes U:	rapporteur: MUELLER, Frank MCC: USAI, Paolino		Telefon AB LM Ericsson	
<i>history (event, available, version, comments):</i> 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 <i>remarks - general:</i> get it <i>remarks - this release:</i> 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 freeze_meeting: SP-06	WG (prime / other): G5 / S1 / NP / T2 / SCP / G4	rapporteur: SALMERON, Lidia MCC: SALMERON, Lidia		TELEPLUS LIMITED	
<i>history (event, available, version, comments):</i> smg-31 16/02/2000 8 . 0 . 0 smg-31 16/02/2000 8 . 1 . 0 5 equivalent. 2001-11-19: G4->G5. 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 <i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced get it <i>remarks - this release:</i> #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and by Rel- reclosed!						

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99 *current version:* 8.2.0 *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 T3
G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version, comments):
auto upgrade to 8 . 0 . 0 never actually done *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over R99 from previous
this spec from G5, and to approve a new R99 version not derived from R96 by CR; *remarks - this release:* May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, and to approve a new R99 version not derived from R96 by CR; also to withdraw the R96 also to withdraw the R96 version, since the R99 version will cover all previous Releases. Releases.
rel
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](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.9.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-06 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version, comments):
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99 *current version:* 8.1.0 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-06 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version, comments):
TP-17 18/09/2002 8 . 0 . 0 == v7.4.2 [get it](#) *remarks - general:*
TP-18 02/01/2003 8 . 1 . 0 [get it](#) *remarks - this release:* No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.

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

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface				
R99	<i>current version:</i> 8.12.0 <i>freeze_meeting:</i> TP-06	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
		<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			
TS 11.17	Subscriber Interface Module (SIM) test specification				
R99	<i>current version:</i> 8.0.0 <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	Indicate persons who left Company and wait for new One	
		<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	get it	<i>remarks - general:</i> <i>remarks - this release:</i> May 00: R99 not anticipated. TP-18: R99 created.		
	Technically identical to v7.0.2				

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

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ACTIVE specs R99 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99 *current version:* 8.8.0 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-30 bis	06/12/1999	8 . 0 . 0	get it	<i>remarks - general:</i>
smg-31	16/02/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>
smg-31 bis	17/04/2000	8 . 2 . 0	get it	
smg-32	20/06/2000	8 . 3 . 0	get it	
GP-01	01/09/2000	8 . 4 . 0	get it	
GP-02	24/11/2000	8 . 5 . 0	get it	
GP-04	18/04/2001	8 . 6 . 0	get it	
GP-12	03/01/2003	8 . 7 . 0	get it	
GP-13	21/02/2003	8 . 8 . 0	get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 *current version:* 8.0.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-31 bis	17/04/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
start of OAP	24/05/2000	8 . 0 . 1	get it	<i>remarks - this release:</i>
ETSI publication	10/10/2000	8 . 0 . 2	get it	

R99 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R99 *current version:* 8.0.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

Upgrade to R99	19/04/2000	8 . 0 . 0	get it	<i>remarks - general:</i>
				<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 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	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> G3 / S5	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	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				

R99

21 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99 *current version:* 3.10.0
freeze_meeting: SP-07

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

history (event, available, version, comments):

SP-05	13/10/1999	1	.	0	.	0	
SP-06	17/12/1999	2	.	0	.	0	
corrections		2	.	2	.	0	post SP-06
SP-07		2	.	3	.	0	SP-000037
SP-07		2	.	4	.	0	SP-000104
SP-07		2	.	5	.	0	
SP-07	17/03/2000	3	.	0	.	0	
editorial	30/03/2000	3	.	0	.	1	
post-SP-08	28/06/2000	3	.	1	.	0	
SP-10	04/01/2001	3	.	2	.	0	
SP-11	11/04/2001	3	.	3	.	0	
SP-12	05/07/2001	3	.	4	.	0	
SP-13	01/10/2001	3	.	5	.	0	
SP-14	03/01/2002	3	.	6	.	0	
SP-15	27/03/2002	3	.	7	.	0	
SP-16	19/06/2002	3	.	8	.	0	
SP-17	18/09/2002	3	.	9	.	0	
SP-18	03/01/2003	3	.	10	.	0	

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

TS 21.111 USIM and IC card requirements

R99 *current version:* 3.4.0
freeze_meeting: SP-03

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

history (event, available, version, comments):

draft	16/10/1998	0	.	0	.	1	
Transfer from smg9 to T3	04/03/1999	1	.	1	.	0	
T3	21/04/1999	2	.	0	.	0	
TP-03	23/04/1999	3	.	0	.	0	
TP-06	17/12/1999	3	.	0	.	1	
TP-07	15/03/2000	3	.	1	.	0	
TP-08	23/06/2000	3	.	2	.	0	
TP-09	18/10/2000	3	.	3	.	0	
TP-17	18/09/2002	3	.	4	.	0	

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[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0
freeze_meeting: SP-03

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB

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

history (event, available, version, comments):

draft 20/08/1998 0 . 0 . 1
draft 20/10/1998 1 . 0 . 0
WG approval 20/12/1998 2 . 0 . 0
SP-03 23/04/1999 3 . 0 . 0
SP-06 17/12/1999 3 . 1 . 0
SP-14 07/01/2002 3 . 2 . 0

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

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB

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

history (event, available, version, comments):

TP-08 23/06/2000 3 . 0 . 0

[get it](#) *remarks - general:* Was formerly 21.910. Renumbered at TSG#7.
remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0
freeze_meeting: SP-03

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

history (event, available, version, comments):

SP-03 23/04/1999 3 . 0 . 0
SP-04 23/06/1999 3 . 1 . 0
SP-05 13/10/1999 3 . 2 . 0
SP-08 28/06/2000 3 . 3 . 0
SP-09 04/10/2000 3 . 4 . 0
SP-10 04/01/2001 3 . 5 . 0
SP-11 11/04/2001 3 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.904 User Equipment (UE) capability requirements

R99 *current version:* 3.5.0
freeze_meeting: SP-07

WG (prime / other): T2 / - *rapporteur:* SOOD, Prem SHARP Corporation
G: *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	0	
TP-04	18/06/1999	0	.	0	.	3	
TP-05	08/10/1999	1	.	0	.	2	
TP-06	17/12/1999	1	.	1	.	0	
TP-07		2	.	0	.	0	TP-000026
TP-07	15/03/2000	3	.	0	.	0	
Editorial	30/03/2000	3	.	0	.	1	
TP-08	23/06/2000	3	.	1	.	0	
TP-09	16/10/2000	3	.	2	.	0	
TP-10	05/01/2001	3	.	3	.	0	
TP-13	03/10/2001	3	.	4	.	0	
TP-17	16/09/2002	3	.	5	.	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TR 21.905 Vocabulary for 3GPP Specifications

R99 *current version:* 3.3.0
freeze_meeting: SP-07

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

history (event, available, version, comments):

SP-05	13/10/1999	0	.	0	.	1	
SP-07	15/03/2000	3	.	0	.	0	SP-000072
SP-06	17/12/1999	3	.	0	.	0	
SP-08	23/06/2000	3	.	1	.	0	
edito	08/08/2000	3	.	1	.	1	
SP-09	18/10/2000	3	.	2	.	0	
SP-13	05/10/2001	3	.	3	.	0	

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0
freeze_meeting: SP-08

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03 0 . 1 . 0
TP-04 0 . 2 . 0

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified title.
remarks - this release: TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)

TP-05 08/10/1999 1 . 0 . 1
TP-06 17/12/1999 1 . 3 . 2
TP-07 2 . 0 . 0
TP-08 2 . 1 . 0
TP-08 15/03/2000 3 . 0 . 0

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TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0
freeze_meeting: SP-07

WG (prime / other): N2 / - *rapporteur:*
G: yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-06 17/12/1999 2 . 0 . 0
Revised clause 11 14/01/2000 2 . 1 . 0
NP-08 2 . 1 . 1
NP-08 23/06/2000 3 . 0 . 0

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remarks - general:

[get it](#)

remarks - this release:

[get it](#)

R99

22 .- series

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

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

R99 *current version:* 3.2.0
freeze_meeting: SP-07

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

history (event, available, version, comments):

SP-06 17/12/1999 3 . 0 . 0 aprvd with CRs
SP-06 17/12/1999 3 . 1 . 0
edito 18/01/2000 3 . 1 . 1
SP-07 17/03/2000 3 . 2 . 0

[get it](#)

remarks - general: Transfer>TSG#5

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

G = required in systems with GERAN 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 22.002	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					

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					

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 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 22.011	Service accessibility					
R99	current version: 3.8.0	WG (prime / other): S1 / -	rapporteur: GALLAIRE, Jean Paul	France Telecom		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):					
	txferd to 3GPP 01/06/2000 3 . 0 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-05 30/10/1999 3 . 0 . 1	get it	remarks - this release:			
	SP-06 17/12/1999 3 . 1 . 1	get it				
	SP-07 17/03/2000 3 . 2 . 0	get it				
	SP-09 18/10/2000 3 . 3 . 0	get it				
	SP-11 02/04/2001 3 . 4 . 0	get it				
	SP-12 27/06/2001 3 . 5 . 0	get it				
	SP-14 10/01/2002 3 . 6 . 0	get it				
	SP-15 25/03/2002 3 . 7 . 0	get it				
	SP-17 17/09/2002 3 . 8 . 0	get it				
<hr/>						
TS 22.016	International Mobile Equipment Identities (IMEI)					
R99	current version: 3.3.0	WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
	SP-06 17/12/1999 3 . 1 . 0	get it	remarks - this release:			
	SP-08 28/06/2000 3 . 2 . 0	get it				
	SP-16 04/07/2002 3 . 3 . 0	get it				
<hr/>						
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification					
R99	current version: 3.2.1	WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC, Sebastien	France Telecom		
	freeze_meeting: SP-05	G: yes U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
	SP-08 28/06/2000 3 . 1 . 0	get it	remarks - this release:			difficulty in implementing CR
	SP-16 19/06/2002 3 . 2 . 0	get it				
	edito post SP-16 24/06/2002 3 . 2 . 1	get it				corrects change history

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

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ACTIVE specs R99 22 .- series
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TS 22.024	Description of Charge Advice Information (CAI)				
R99	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes	<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael		NORTEL NETWORKS (EUROPE)
	<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>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes	<i>rapporteur:</i> TOIVANEN, Annukka <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation
	<i>history (event, available, version, comments):</i> SP-05 30/10/1999 3 . 0 . 0 SP-05 30/10/1999 3 . 1 . 0 SP-06 17/12/1999 3 . 2 . 0 SP-07 17/03/2000 3 . 3 . 0 SP-09 18/10/2000 3 . 4 . 0	get it get it get it get it 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				
R99	<i>current version:</i> 3.0.0 <i>freeze_meeting:</i> SP-18	<i>WG (prime / other):</i> S3 / G: yes U: yes	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice		Indicate persons who left Company and wait for new One
	<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>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S3 / G: yes U: yes	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i> SP-16 24/06/2002 3 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). <i>remarks - this release:</i> SP-16: Takes over from 02.32 R99.		

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

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TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1					
R99	current version: 3.2.1 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael		NOKIA Corporation
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general:	Transfer>TSG#4		
	SP-07 15/03/2000 3 . 2 . 0	get it	remarks - this release:			
	edito 25/04/2000 3 . 2 . 1	get it				
<hr/>						
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1					
R99	current version: 3.2.0 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited
	history (event, available, version, comments):					
	SP-05 30/10/1999 3 . 0 . 0	get it	remarks - general:	Transfer>TSG#4		
	SP-07 17/03/2000 3 . 1 . 0	get it	remarks - this release:			
	SP-08 28/06/2000 3 . 2 . 0	get it				
<hr/>						
TS 22.041	Operator Determined Call Barring					
R99	current version: 3.3.1 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: WOLAK, Stephen MCC: CLAYTON, Michael		VODAFONE Group Plc
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general:	Transfer>TSG#4		
	SP-10 08/01/2001 3 . 2 . 0	get it	remarks - this release:			
	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	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / - G: yes U: yes		rapporteur: DAHLKVIST, Mikael MCC: CLAYTON, Michael		ERICSSON MOBILE COMMUNICATIONS AB
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general:	Transfer>TSG#4		
			remarks - this release:	CR to 3.0.1 not aprvd.		

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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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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	<i>G: yes U: yes</i>	<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> .			

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TS 22.071	Location Services (LCS); Stage 1					
R99	current version: 3.4.0	WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph	SBC Communications Inc.		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	get it	remarks - this release:			
	SP-09 18/10/2000 3 . 3 . 0	get it				
	SP-15 25/03/2002 3 . 4 . 0	get it				

TS 22.072	Call Deflection (CD); Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: RAUCH, Horst	T-MOBILE DEUTSCHLAND		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			

TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
R99	current version: 3.9.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general:			
	SP-06 17/12/1999 3 . 2 . 0	get it	remarks - this release:			
	SP-07 15/03/2000 3 . 3 . 0	get it				
	SP-08 28/06/2000 3 . 4 . 0	get it				
	edito 09/08/2000 3 . 4 . 1	get it				
	SP-09 31/10/2000 3 . 5 . 0	get it				
	SP-10 08/01/2001 3 . 6 . 0	get it				
	SP-11 02/04/2001 3 . 7 . 0	get it				
	SP-12 27/06/2001 3 . 8 . 0	get it				
	SP-15 25/03/2002 3 . 9 . 0	get it				

TS 22.079	Support of optimal routing; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, comments):					
	SP-05 13/10/1999 3 . 0 . 1	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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TS 22.081	Line Identification supplementary services; Stage 1					
R99	current version: 3.2.0 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: AHNBERG, Tomas		Indicate persons who left Company and wait for new One	
	history (event, available, version, comments): SP-05 13/10/1999 3 . 0 . 1 SP-08 28/06/2000 3 . 2 . 0	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
		get it	remarks - this release:			
<hr/>						
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom	
	history (event, available, version, comments): SP-05 13/10/1999 3 . 0 . 1	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, comments): SP-05 13/10/1999 3 . 0 . 1	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1					
R99	current version: 3.0.1 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, comments): SP-05 13/10/1999 3 . 0 . 1	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1					
R99	current version: 3.1.0 freeze_meeting: SP-05	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael		EMCOM Ltd	
	history (event, available, version, comments): SP-05 13/10/1999 3 . 0 . 1 SP-06 17/12/1999 3 . 1 . 0	G: yes U: yes	MCC: CLAYTON, Michael			
		get it	remarks - general: Transfer>TSG#4			
		get it	remarks - this release: .			

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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael					NORTEL NETWORKS (EUROPE)
	<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>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> BRADEN, Christian <i>MCC:</i> CLAYTON, Michael					T-MOBILE DEUTSCHLAND
	<i>history (event, available, version, comments):</i> SP-05 13/10/1999 3 . 0 . 1 3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086. incorporation of 01/02/2000 3 . 1 . 0 lost CR from SP-05		get it 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								
R99	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael					EMCOM Ltd
	<i>history (event, available, version, comments):</i> SP-05 13/10/1999 3 . 0 . 1 edito 27/11/2000 3 . 0 . 2		get it 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								
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael					NOKIA Corporation
	<i>history (event, available, version, comments):</i> SP-05 13/10/1999 3 . 0 . 1 SP-07 15/03/2000 3 . 1 . 0		get it 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								
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S1 / - G: yes U: yes		<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael					EMCOM Ltd
	<i>history (event, available, version, comments):</i> SP-05 13/10/1999 3 . 0 . 1 SP-09 18/10/2000 3 . 1 . 0		get it get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>					

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.094	Follow Me service description - Stage 1					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5			
			<i>remarks - this release:</i> Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.			
<hr/>						
TS 22.096	Name identification supplementary services; Stage 1					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-09 18/10/2000 3 . 2 . 0	get it	<i>remarks - this release:</i>			

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TS 22.100 UMTS Phase 1

R99 *current version:* 3.7.0
freeze_meeting: SP-03

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

history (event, available, version, comments):

draft	16/09/1998	0	.	1	.	0
draft	16/10/1998	1	.	0	.	0
WG approval	01/02/1999	2	.	0	.	0
Transfer to SP SA	23/04/1999	3	.	0	.	0
SP-03	23/04/1999	3	.	2	.	0
SP-04	23/06/1999	3	.	3	.	0
SP-05	13/10/1999	3	.	4	.	0
SP-06	17/12/1999	3	.	5	.	0
SP-07	15/03/2000	3	.	6	.	0
SP-13	05/10/2001	3	.	7	.	0

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[get it](#) *remarks - this release:*
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TS 22.101 Service aspects; Service principles

R99 *current version:* 3.13.0
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-03	23/04/1999	3	.	5	.	0
SP-04	23/06/1999	3	.	6	.	0
SP-05	13/10/1999	3	.	7	.	0
SP-06	17/12/1999	3	.	8	.	0
SP-07	15/03/2000	3	.	9	.	0
SP-08	28/06/2000	3	.	10	.	0
SP-09	18/10/2000	3	.	11	.	0
SP-10	08/01/2001	3	.	12	.	0
SP-12	27/06/2001	3	.	13	.	0

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.105 Services and service capabilities

R99 *current version:* 3.10.0
freeze_meeting: SP-03

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

history (event, available, version, comments):

First complete draft	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change control	20/03/1998	3	.	0	.	0
smg-26 to review	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

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

TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99	<i>current version:</i> 3.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-04	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael	
<i>history (event, available, version, comments):</i>				
OSP parts	04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment; Stage
extracted from				<i>remarks - this release:</i> 1". SP-16: converted from TS to TR.
22,121 v3,2,0				
draft	04/04/1999	0 . 1 . 0	get it	
SP-04	23/06/1999	3 . 0 . 0	get it	
SP-05	13/10/1999	3 . 1 . 0	get it	
SP-07	15/03/2000	3 . 2 . 0	get it	
SP-08	28/06/2000	3 . 3 . 0	get it	
SP-16	19/07/2002	3 . 3 . 1	get it	Converted from TS to TR.

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

R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SAMPSON, Nick	ORANGE PCS LTD
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael	
<i>history (event, available, version, comments):</i>				
Start of work	04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
Table of Contents	04/03/1999	0 . 1 . 0	get it	<i>remarks - this release:</i>
and Scope				
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 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 22.135 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:*

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:*

TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0 *freeze_meeting:* SP-05 *WG (prime / other):* T2 / NP *rapporteur:* COLBAN, Erik ERICSSON AS
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0
TP-05	08/10/1999	3	.	0	.	0

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

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

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ACTIVE specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele

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

history (event, available, version, comments):

Table of Contents and Scope	19/10/1997	0	.	0	.	1
First complete draft	19/12/1997	1	.	1	.	1
WG approval	15/02/1998	2	.	0	.	0
TB approval	20/03/1998	3	.	0	.	0
SP-03	23/04/1999	3	.	1	.	1

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

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

TR 22.975 Advanced addressing

R99 *current version:* 3.1.0
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* KLEIER, Stephan Vodafone D2 GmbH

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

history (event, available, version, comments):

Table of Contents and Scope	17/10/1997	0	.	1	.	0
First complete draft	19/12/1997	1	.	0	.	0
WG approval	15/02/1998	2	.	0	.	0
TB approval	20/03/1998	3	.	0	.	0
SP-03	23/04/1999	3	.	0	.	1
SP-05	13/10/1999	3	.	1	.	0

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

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R99

23 .- series

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

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

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ACTIVE specs 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	

TS 23.003	Numbering, Addressing and Identification					
R99	current version: 3.11.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, comments):					
	NP-03 23/04/1999	3	. 0	. 0	get it	remarks - general:
	NP-04 23/06/1999	3	. 1	. 0	get it	remarks - this release:
	NP-05 13/10/1999	3	. 2	. 0	get it	
	NP-06 15/12/1999	3	. 3	. 0	get it	
	NP-07 15/03/2000	3	. 4	. 0	get it	
	edito 17/05/2000	3	. 4	. 1	get it	
	NP-08 28/06/2000	3	. 5	. 0	get it	
	NP-09 26/10/2000	3	. 6	. 0	get it	
	NP-10 21/12/2000	3	. 7	. 0	get it	
	NP-11 02/04/2001	3	. 8	. 0	get it	
	NP-12 27/06/2001	3	. 9	. 0	get it	
	NP-16 21/06/2002	3	. 10	. 0	get it	
	NP-17 17/09/2002	3	. 11	. 0	get it	

G = required in systems with GERAN 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 23.007 Restoration procedures

R99 *current version:* 3.5.0
freeze_meeting: SP-03

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

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	1	.	3
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-08	28/06/2000	3	.	4	.	0
NP-16	21/06/2002	3	.	5	.	0

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

TS 23.008 Organisation of subscriber data

R99 *current version:* 3.7.0
freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-08	28/06/2000	3	.	4	.	0
NP-09	26/10/2000	3	.	5	.	0
NP-12	27/06/2001	3	.	6	.	0
NP-16	21/06/2002	3	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.009	Handover procedures				
R99	<i>current version:</i> 3.12.0 <i>freeze_meeting:</i> SP-03	<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	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			
	edito (SDLs 16/05/2000 3 . 2 . 1 beautified)	get it			
	NP-08 23/06/2000 3 . 3 . 0	get it			
	NP-09 06/10/2000 3 . 4 . 0	get it			
	NP-10 03/01/2001 3 . 5 . 0	get it			
	NP-11 11/04/2001 3 . 6 . 0	get it			
	NP-12 06/07/2001 3 . 7 . 0	get it			
	NP-13 05/10/2001 3 . 8 . 0	get it			
	NP-14 08/01/2002 3 . 9 . 0	get it			
	NP-16 20/06/2002 3 . 10 . 0	get it			
	NP-17 17/09/2002 3 . 11 . 0	get it			
	NP-18 02/01/2003 3 . 12 . 0	get it			

TS 23.011	Technical realization of Supplementary Services				
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-03	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 06/06/2000 3 . 0 . 1	get it	<i>remarks - this release:</i>		
	NP-09 26/10/2000 3 . 1 . 0	get it			

TS 23.012	Location management procedures				
R99	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> SP-03	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>history (event, available, version, comments):</i>	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-06 15/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-07 15/03/2000 3 . 2 . 0	get it			
	CR 23.012-003r3 05/06/2000 3 . 2 . 1 removed (error)	get it			
	NP-08 23/06/2000 3 . 3 . 0	get it			

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

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ACTIVE specs R99 23 .- series
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TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<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> Should not be in UMTS ????		
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-17 17/09/2002 3 . 2 . 0	get it			
<hr/>					
TS 23.015	Technical realisation of Operator Determined Barring (ODB)				
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> Chalmers 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> .		
<hr/>					
TS 23.016	Subscriber data management; Stage 2				
R99	<i>current version:</i> 3.9.0	<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-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-11 30/03/2001 3 . 7 . 0	get it			
	NP-15 28/03/2002 3 . 8 . 0	get it			
	NP-17 17/09/2002 3 . 9 . 0	get it			

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

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.018	Basic Call Handling; Technical realization					
R99	current version: 3.11.0 freeze_meeting: SP-03	WG (prime / other): N4 / -	rapporteur: PARK, Ian David Chalmers	VODAFONE LTD		
		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				
	NP-08 23/06/2000 3 . 5 . 0	get it				
	NP-09 25/10/2000 3 . 6 . 0	get it				
	NP-11 06/04/2001 3 . 7 . 0	get it				
	NP-12 04/07/2001 3 . 8 . 0	get it				
	NP-13 03/10/2001 3 . 9 . 0	get it				
	NP-14 16/01/2002 3 . 10 . 0	get it				
	NP-15 28/03/2002 3 . 11 . 0	get it				
<hr/>						
TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R99	current version: 3.0.0 freeze_meeting: SP-18	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One		
		G: yes U: yes	MCC: POPE, Maurice			
	history (event, available, version, comments):					
	SP-18 06/01/2003 3 . 0 . 0	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: Created from 03.31 R99. -> 23.031.			
<hr/>						
TS 23.032	Universal Geographical Area Description (GAD)					
R99	current version: 3.2.1 freeze_meeting: SP-03	WG (prime / other): S2 / -	rapporteur: HIETALAHTI, Hannu	NOKIA Corporation		
		G: yes U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version, comments):					
	SP-03 23/04/1999 3 . 0 . 0	get it	remarks - general: S2 responsibility?			
	SP-07 15/03/2000 3 . 1 . 0	get it	remarks - this release:			
	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					

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 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2				
R99	current version: 3.3.0 freeze_meeting: SP-03	WG (prime / other): N1 / -	rapporteur: CARRION RODRIGO, NOKIA Corporation Inmaculada JORGENSEN, Per Johan		
	history (event, available, version, comments):	G: yes U: yes	MCC:		
	NP-03 23/04/1999 3 . 0 . 0	get it	remarks - general:		
	NP-05 13/10/1999 3 . 1 . 0	get it	remarks - this release:		
	NP-06 17/12/1999 3 . 1 . 1	get it			
	NP-07 15/03/2000 3 . 2 . 0	get it			
	NP-10 02/01/2001 3 . 3 . 0	get it			
<hr/>					
TS 23.035	Immediate Service Termination (IST); Stage 2				
R99	current version: 3.1.0 freeze_meeting: SP-16	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim Indicate persons who left Company and wait for new One		
	history (event, available, version, comments):	G: yes U: yes	MCC: POPE, Maurice		
	SP-16 24/06/2002 3 . 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 3 . 1 . 0	get it	remarks - this release: SP-16: takes over from 03,35 R99.		
<hr/>					
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 Teleca Limited RODERMUND, Friedhelm		
	history (event, available, version, comments):	G: yes U: yes	MCC:		
	TP-03 28/04/1999 1 . 0 . 0	get it	remarks - general:		
	TP-04 23/06/1999 3 . 1 . 0	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			
<hr/>					
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 Teleca Limited RODERMUND, Friedhelm		
	history (event, available, version, comments):	G: yes U: yes	MCC:		
	TP-03 28/04/1999 1 . 0 . 0	get it	remarks - general:		
	TP-04 23/06/1999 3 . 0 . 0	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			

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 23.040 Technical realization of Short Message Service (SMS)

R99 *current version:* 3.9.0 *freeze_meeting:* SP-04 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>
TP-04	23/06/1999	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	
edito	19/04/2000	3	.	4	.	1	get it	
TP-08	23/06/2000	3	.	5	.	0	get it	
TP-13	03/10/2001	3	.	6	.	0	get it	
TP-14	11/01/2002	3	.	7	.	0	get it	
TP-15	21/03/2002	3	.	8	.	0	get it	
TP-16	25/06/2002	3	.	9	.	0	get it	

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0 *freeze_meeting:* SP-05 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	0	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	15/03/2000	3	.	2	.	0	get it	
target								
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 *freeze_meeting:* SP-04 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0	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

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

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

R99 *current version:* 3.4.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.
TP-04 (MExE R98 GSM 03.57)	18/06/1999	1	.	1	.	0	get it	<i>remarks - this release:</i>	
TP-05	08/10/1999	1	.	5	.	0	get it		
TP-06 completed	17/12/1999	3	.	0	.	0	get it		
TP-07	15/03/2000	3	.	1	.	0	get it		
Editorial	15/03/2000	3	.	1	.	1	get it		
TP-08	23/06/2000	3	.	2	.	0	get it		
TP-09	16/10/2000	3	.	3	.	0	get it		
TP-11	27/03/2001	3	.	4	.	0	get it		

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

R99 *current version:* 3.14.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	13/10/1999	3	.	1	.	0	get it	<i>remarks - general:</i>	Transfer>TSG#4
SP-06	23/12/1999	3	.	2	.	0	get it	<i>remarks - this release:</i>	
SP-07	15/03/2000	3	.	3	.	0	get it		
SP-08	28/06/2000	3	.	4	.	0	get it		
SP-09	04/11/2000	3	.	5	.	0	get it		
SP-10	12/01/2001	3	.	6	.	0	get it		
SP-11	06/04/2001	3	.	7	.	0	get it		
SP-12	29/06/2001	3	.	8	.	0	get it		
SP-13	12/10/2001	3	.	9	.	0	get it		
SP-14	09/01/2002	3	.	10	.	0	get it		
edito		3	.	10	.	1			
SP-15	07/04/2002	3	.	11	.	0	get it		
SP-16	17/06/2002	3	.	12	.	0	get it		
SP-17	02/10/2002	3	.	13	.	0	get it		
SP-18	10/01/2003	3	.	14	.	0	get it		

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

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

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5
NP-07 15/03/2000 3 . 2 . 0 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 3 . 0 [get it](#)

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

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 21/12/2000 3 . 2 . 0 [get it](#)
NP-12 27/06/2001 3 . 3 . 0 [get it](#)

TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:* .
NP-06 17/12/1999 3 . 2 . 0 [get it](#)
NP-09 26/10/2000 3 . 3 . 0 [get it](#)

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

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TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 *current version:* 3.15.0 *WG (prime / other):* N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0
NP-18	18/12/2002	3	.	15	.	0

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remarks - general: CR at TSG#4,CR at TSG#5
remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

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

R99 *current version:* 3.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* CHALMERS, Kimmo

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	26/10/2000	3	.	6	.	0
NP-16	21/06/2002	3	.	7	.	0
NP-18	07/01/2003	3	.	8	.	0

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remarks - general: CR at TSG#4,CR at TSG#5
remarks - this release:

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

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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](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-17 24/09/2002 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-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](#)

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](#)

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

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TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
R99	current version: 3.1.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	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				
<hr/>						
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
R99	current version: 3.1.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	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				
<hr/>						
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
R99	current version: 3.1.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	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				
<hr/>						
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes		rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
	history (event, available, version, comments):					
	NP-03 23/04/1999 3 . 0 . 0	get it	remarks - general:			
	NP-07 15/03/2000 3 . 1 . 0	get it	remarks - this release:			
	NP-09 26/10/2000 3 . 2 . 0	get it				

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

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TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: CROOK, Mick MCC: KYMALAINEN, Kimmo		ORANGE PCS LTD	
	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				
<hr/>						
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	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:			
	ETSI Publication 07/11/2000 3 . 2 . 0	get it				
<hr/>						
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	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				
<hr/>						
TS 23.094	Follow Me Stage 2					
R99	current version: 3.2.0 freeze_meeting: SP-06	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	history (event, available, version, comments):					
	NP-06 17/12/1999 3 . 0 . 0	get it	remarks - general: Transfer>TSG#4. GSM only @TSG#5			
	NP-07 15/03/2000 3 . 1 . 0	get it	remarks - this release: Transfer>TSG#6.			
	NP-09 26/10/2000 3 . 2 . 0	get it				
<hr/>						
TS 23.096	Name Identification Supplementary Service; Stage 2					
R99	current version: 3.0.1 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software	
	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: .			

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

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

R99 *current version:* 3.1.1 *WG (prime / other):* N4 / - *rapporteur:* HEWSON, Ruth VODAFONE Group Plc
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

NP-05	13/10/1999	3	.	0	.	1	get it <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

TS 23.101 General UMTS Architecture

R99 *current version:* 3.1.0 *WG (prime / other):* S2 / - *rapporteur:* OLSSON, Magnus Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

First complete draft	13/06/1997	0	.	1	.	0	get it <i>remarks - general:</i>
Transfer to SP SA	04/03/1999	0	.	1	.	1	get it <i>remarks - this release:</i>
WG2							
SP-03	23/04/1999	3	.	0	.	0	get it
SP-04	23/06/1999	3	.	0	.	1	get it
SP-10	21/12/2000	3	.	1	.	0	get it

TS 23.107 Quality of Service (QoS) concept and architecture

R99 *current version:* 3.9.0 *WG (prime / other):* S2 / - *rapporteur:* GREIS, Marc NOKIA Corporation
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

SP-05	13/10/1999	3	.	0	.	0	get it <i>remarks - general:</i> was 23.907
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
SP-08	28/06/2000	3	.	3	.	0	get it
SP-09	19/10/2000	3	.	4	.	0	get it
SP-10	22/12/2000	3	.	5	.	0	get it
SP-11	14/05/2001	3	.	6	.	0	get it
SP-14	07/01/2002	3	.	7	.	0	get it CR072r1 erroneously implemented; anticipate correction at SP-15.
SP-15	07/04/2002	3	.	8	.	0	get it
SP-17	24/09/2002	3	.	9	.	0	get it

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

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TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
R99	current version: 3.2.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, comments):								
	NP-03 23/04/1999	0 . 0 . 0		get it	remarks - general:	This is clause 7 from 04.08 ex R98.			
	NP-05 13/10/1999	3 . 0 . 0		get it	remarks - this release:				
	NP-04 23/06/1999	3 . 0 . 0		get it					
	NP-06 17/12/1999	3 . 1 . 0		get it					
	NP-07 15/03/2000	3 . 2 . 0		get it					

TS 23.110	UMTS Access Stratum Services and Functions								
R99	current version: 3.4.0	WG (prime / other):	S2 / -	rapporteur:	LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-07	G: yes	U: yes	MCC:	YOON, Sang Ui				
	history (event, available, version, comments):								
	draft 15/02/1997	0 . 3 . 0		get it	remarks - general:				
	Transfer to SP S2 04/03/1999	0 . 3 . 1		get it	remarks - this release:				
	SP-03 23/04/1999	3 . 1 . 0		get it					
	SP-05 13/10/1999	3 . 2 . 0		get it					
	SP-06 17/12/1999	3 . 3 . 0		get it					
	SP-07 15/03/2000	3 . 4 . 0		get it					

TS 23.116	Super-Charger technical realization; Stage 2								
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	ALLEN, Nicholas	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-07	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version, comments):								
	NP-04 30/04/1999	0 . 0 . 0		get it	remarks - general:	New after TSG#5			
	NP-06 17/12/1999	1 . 0 . 0		get it	remarks - this release:				
	NP-07 15/03/2000	3 . 0 . 0		get it					
	NP-12 27/06/2001	3 . 1 . 0		get it					
	NP-14 10/01/2002	3 . 2 . 0		get it					

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

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

TS 23.119 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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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

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

TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
R99	current version: 3.9.0	WG (prime / other):	N1 / -	rapporteur:	HIETALAHTI, Hannu	NOKIA Corporation			
	freeze_meeting: SP-03	G:	U: yes	MCC:	JORGENSEN, Per Johan				
history (event, available, version, comments):									
	NP-03	23/04/1999	3 . 0 . 0	get it	remarks - general:				
	NP-04	23/06/1999	3 . 1 . 0	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			
editorial correction	10/02/2000	3 . 1 . 1		get it		erroneously incorporated CR.			
	NP-07	15/03/2000	3 . 2 . 0	get it					
	NP-08	23/06/2000	3 . 3 . 0	get it					
	NP-09	06/10/2000	3 . 4 . 0	get it					
	edito	24/10/2000	3 . 4 . 1	get it					
	edito	02/11/2000	3 . 4 . 2	get it					
	NP-10	02/01/2001	3 . 5 . 0	get it					
	NP-11	11/04/2001	3 . 6 . 0	get it					
	NP-12	05/07/2001	3 . 7 . 0	get it					
	NP-17	17/09/2002	3 . 8 . 0	get it					
	NP-18	18/12/2002	3 . 9 . 0	get it					

TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
R99	current version: 3.4.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD, Christophe	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-07	G:	U: yes	MCC:	YOON, Sang Ui				
history (event, available, version, comments):									
	SP-05	13/10/1999	0 . 3 . 0	get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.			
	SP-07		2 . 0 . 0	get it	remarks - this release:		SP-000089		
	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	remarks - general:				
	NP-07	15/03/2000	3 . 0 . 0	get it	remarks - this release:				
	NP-08	23/06/2000	3 . 1 . 0	get it					
	NP-09	25/10/2000	3 . 2 . 0	get it					

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 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2						
R99	current version: 3.1.0 freeze_meeting: SP-07	WG (prime / other): T2 / - G: yes U: yes		rapporteur: LAUMEN, Josef MCC: RODERMUND, Friedhelm		SIEMENS AG	
history (event, available, version, comments):							
	TP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:			
	TP-05 08/10/1999	0 . 1 . 0	get it	remarks - this release:			
	TP-06 17/12/1999	1 . 0 . 0	get it				
	TP-07 15/03/2000	2 . 0 . 0	get it			TP-000028	
	Editorial 15/03/2000	3 . 0 . 1	get it				
	TP-16 24/06/2002	3 . 1 . 0	get it				
<hr/>							
TS 23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)						
R99	current version: 3.9.0 freeze_meeting: SP-07	WG (prime / other): S2 / - G: U: yes		rapporteur: KÅLL, Jan MCC: YOON, Sang-Ui		NOKIA Corporation	
history (event, available, version, comments):							
	SP-05 13/10/1999	1 . 0 . 0	get it	remarks - general:			
	SP-06 17/12/1999	1 . 1 . 0	get it	remarks - this release:			
	SP-07	2 . 0 . 0	get it			SP-000090	
	SP-07 15/03/2000	3 . 0 . 0	get it				
	SP-08 28/06/2000	3 . 1 . 0	get it				
	SP-10 21/12/2000	3 . 2 . 0	get it				
	SP-11 11/04/2001	3 . 3 . 0	get it				
	SP-12 29/06/2001	3 . 4 . 0	get it				
	SP-13 15/10/2001	3 . 5 . 0	get it				
	SP-14 07/01/2002	3 . 6 . 0	get it				
	SP-15 29/03/2002	3 . 7 . 0	get it				
	SP-16 18/06/2002	3 . 8 . 0	get it				
	SP-17 24/09/2002	3 . 9 . 0	get it				
<hr/>							
TR 23.814	Separating RR and MM specific parts of the MS Classmark						
R99	current version: 3.1.0 freeze_meeting: SP-06	WG (prime / other): N1 / - G: U: yes		rapporteur: YOKOTA, Fumihiko MCC: JORGENSEN, Per Johan		Fujitsu Limited	
history (event, available, version, comments):							
	NP-05 08/10/1999	0 . 0 . 0	get it	remarks - general:	New after TSG#5		
	NP-06 17/12/1999	3 . 0 . 0	get it	remarks - this release:	TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.		
	editorial (!) 24/01/2000	3 . 1 . 0	get it				

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.908	Technical report on Pre-Paging				
R99	current version: 3.0.1 freeze_meeting: SP-04	WG (prime / other): N4 / - G: yes U: yes	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version, comments):					
	NP-03 23/04/1999 0 . 0 . 0	get it	remarks - general:		
	NP-04 23/06/1999 3 . 0 . 0	get it	remarks - this release: .		
	edito 02/05/2000 3 . 0 . 1	get it			
<hr/>					
TR 23.909	Technical report on the Gateway Location Register				
R99	current version: 3.0.1 freeze_meeting: SP-04	WG (prime / other): N4 / - G: yes U: yes	rapporteur: PARK, Ian David Chalmers MCC: KYMALAINEN, Kimmo	VODAFONE LTD	
history (event, available, version, comments):					
	NP-03 23/04/1999 0 . 0 . 0	get it	remarks - general:		
	NP-04 23/06/1999 3 . 0 . 0	get it	remarks - this release: .		
	edito 03/05/2000 3 . 0 . 1	get it			
<hr/>					
TR 23.910	Circuit switched data bearer services				
R99	current version: 3.6.0 freeze_meeting: SP-07	WG (prime / other): N3 / - G: U: yes	rapporteur: HUSLENDE, Ragnar MCC: BOSWARTHICK, David	Telefon AB LM Ericsson	
history (event, available, version, comments):					
	NP-04 23/06/1999 0 . 0 . 0	get it	remarks - general:	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	remarks - this release:		
	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			

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.911	Technical report on Out-of-band transcoder control					
R99	current version: 3.0.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting: SP-05	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	Creation of WI by 13/10/1999 0 . 0 . 1	get it	remarks - general:			
	WG/TB		remarks - this release: .			
	NP-05 13/10/1999 3 . 0 . 0	get it				
	edito 02/05/2000 3 . 0 . 1	get it				
<hr/>						
TR 23.912	Technical report on Super-Charger					
R99	current version: 3.1.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-05	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	Creation of WI by 13/10/1999 0 . 0 . 1	get it	remarks - general:			
	WG/TB		remarks - this release: .			
	NP-05 13/10/1999 3 . 0 . 0	get it				
	edito 02/05/2000 3 . 0 . 1	get it				
	edito 09/05/2000 3 . 0 . 2	get it				
	NP-14 10/01/2002 3 . 1 . 0	get it				
<hr/>						
TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
R99	current version: 3.0.0	WG (prime / other): S2 / -	rapporteur: HUBBARD, Elisabeth	TeliaSonera AB		
	freeze_meeting: SP-06	G: yes U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version, comments):					
	SP-03 23/04/1999 0 . 5 . 0	get it	remarks - general:			
	SP-04 23/06/1999 0 . 6 . 0	get it	remarks - this release: July 2001: (Sultan) contents out of date. Replaced by 23.228.			
	SP-05 15/10/1999 1 . 0 . 0	get it				
	SP-06 05/06/2000 3 . 0 . 0	get it				
<hr/>						
TR 23.925	UMTS Core network based ATM transport					
R99	current version: 0.2.0	WG (prime / other): S2 / -	rapporteur: ROUZ, Adel	FUJITSU Laboratories of Europe Limited		
	freeze_meeting: SP-06	G: yes U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version, comments):					
	Table of Contents 22/04/1999 0 . 0 . 1	get it	remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.			
	and Scope		remarks - this release: .			
	SP-03 23/04/1999 0 . 2 . 0	get it				

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ACTIVE specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.930	Iu Principles					
R99	<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 and Scope	15/11/1997	0 . 1 . 1	get it	<i>remarks - general:</i>	
	First complete draft	01/04/1999	1 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-03	23/04/1999	1 . 2 . 1	get it		
	SP-04	23/06/1999	3 . 0 . 0	get it		

TR 23.972	Circuit switched multimedia telephony					
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh		Ericsson Incorporated
	<i>freeze_meeting:</i> SP-07		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</i>					
	Start of work	21/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i> New after TSG#5. Minor title change TSG#7.	
	N1-08	21/10/1999	0 . 0 . 2	get it	<i>remarks - this release:</i>	
	N1-09	09/12/1999	0 . 0 . 3	get it		
	N1-08 revision	29/10/1999	0 . 0 . 3	get it		
	NP-07	15/03/2000	3 . 0 . 0	get it		

R99 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter		MOTOROLA A/S
	<i>freeze_meeting:</i> SP-07		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version, comments):</i>					
	NP-07	17/03/2000	3 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-10	02/01/2001	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 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

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
	<i>edito</i> 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

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

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

R99 *current version:* 3.14.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

NP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to be
NP-04	23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i> resolved till Jun00.
NP-05	13/10/1999	3 . 1 . 0	get it	
NP-06	27/12/1999	3 . 2 . 0	get it	
editorial correction	04/01/2000	3 . 2 . 1	get it	
NP-07	15/03/2000	3 . 3 . 0	get it	
edito	25/04/2000	3 . 3 . 1	get it	
NP-08	23/06/2000	3 . 4 . 0	get it	
Editorial	23/06/2000	3 . 4 . 1	get it	
NP-09	06/10/2000	3 . 5 . 0	get it	
NP-10	03/01/2001	3 . 6 . 0	get it	
NP-11	06/04/2001	3 . 7 . 0	get it	
edito	06/07/2001	3 . 7 . 1	get it	
NP-12	13/07/2001	3 . 8 . 0	get it	
NP-13	03/10/2001	3 . 9 . 0	get it	
NP-14	11/01/2002	3 . 10 . 0	get it	
NP-15	22/03/2002	3 . 11 . 0	get it	
NP-16	24/06/2002	3 . 12 . 0	get it	
NP-17	17/09/2002	3 . 13 . 0	get it	
NP-18	02/01/2003	3 . 14 . 0	get it	

TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* Skov 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 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 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
	<i>freeze_meeting:</i> SP-05		Skov						
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	NP-05 13/10/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>						
	NP-07 15/03/2000 3 . 2 . 0	get it							
	NP-08 23/06/2000 3 . 3 . 0	get it							
	NP-09 06/10/2000 3 . 4 . 0	get it							
	NP-10 02/01/2001 3 . 5 . 0	get it							
	NP-11 06/04/2001 3 . 6 . 0	get it							

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link						
	NP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - this release:</i> Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the						
			Base Station System - Mobile-services Switching Centre (BSS-MSC) Interface".						
	NP-06 11/01/2000 3 . 2 . 0	get it							
	NP-08 23/06/2000 3 . 3 . 0	get it							
	edito 17/08/2000 3 . 3 . 1	get it							
	NP-09 12/10/2000 3 . 4 . 0	get it							

TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-08	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version, comments):</i>								
	NP-07 17/03/2000 3 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.						
	NP-08 23/06/2000 3 . 1 . 0	get it	<i>remarks - this release:</i> TSG#7:Decision to create.						
	NP-12 27/06/2001 3 . 2 . 0	get it							
	NP-14 10/01/2002 3 . 3 . 0	get it							

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

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ACTIVE specs R99 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3					
R99	current version: 3.2.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: SCHMITT, Peter MCC: KYMALAINEN, Kimmo	SIEMENS AG		
	history (event, available, version, comments):					
	NP-03 23/04/1999 3 . 0 . 0	get it	remarks - general:			
	NP-10 21/12/2000 3 . 1 . 0	get it	remarks - this release:			
	NP-12 27/06/2001 3 . 2 . 0	get it				
<hr/>						
TS 24.072	Call Deflection Supplementary Service; Stage 3					
R99	current version: 3.0.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
	history (event, available, version, comments):					
	NP-03 23/04/1999 3 . 0 . 0	get it	remarks - general:			
			remarks - this release: .			
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TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
R99	current version: 3.7.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
	history (event, available, version, comments):					
	NP-03 23/04/1999 3 . 0 . 0	get it	remarks - general:			
	NP-06 17/12/1999 3 . 1 . 0	get it	remarks - this release:			
	NP-07 15/03/2000 3 . 2 . 0	get it				
	NP-08 23/06/2000 3 . 3 . 0	get it				
	NP-09 26/10/2000 3 . 4 . 0	get it				
	ASN.1 annex 24/01/2001 3 . 4 . 1	get it				
	updated					
	NP-12 04/07/2001 3 . 5 . 0	get it				
	NP-14 10/01/2002 3 . 6 . 0	get it				
	NP-16 21/06/2002 3 . 7 . 0	get it				
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
R99	current version: 3.1.0 freeze_meeting: SP-03	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
	history (event, available, version, comments):					
	NP-03 23/04/1999 3 . 0 . 0	get it	remarks - general:			
	NP-08 23/06/2000 3 . 1 . 0	get it	remarks - this release:			

G = required in systems with GERAN 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 24.082	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	<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 24.083	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	<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 24.084	MultiParty (MPTY) Supplementary Service; Stage 3				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-03	<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 24.085	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	<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 24.086	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	<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 24.087	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 acces; U = required in systems with UMTS access.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
Editorial	15/03/2000	3	.	2	.	1
Editorial	25/04/2000	3	.	2	.	2
RP-08	23/06/2000	3	.	3	.	0
edito	31/07/2000	3	.	3	.	1
RP-09	13/10/2000	3	.	4	.	0
edito	10/11/2000	3	.	4	.	1
RP-10	02/01/2001	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.11.0
freeze_meeting: SP-05

WG (prime / other): R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson
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
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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

First complete draft	04/03/1999	0	0	0
RP-03	23/04/1999	1	0	0
RP-04	23/06/1999	1	1	0
RP-05	13/10/1999	3	0	0
RP-06	17/12/1999	3	1	0
RP-07	15/03/2000	3	2	0
RP-08	23/06/2000	3	3	0
RP-09	11/10/2000	3	4	0
RP-10	22/12/2000	3	5	0
RP-11	05/04/2001	3	6	0
RP-12	29/06/2001	3	7	0
RP-13	03/10/2001	3	8	0
RP-14	16/01/2002	3	9	0
RP-15	29/03/2002	3	10	0
RP-16	01/07/2002	3	11	0
RP-18	10/01/2003	3	12	0

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 *current version:* 3.5.0
freeze_meeting: SP-06

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

history (event, available, version, comments):

RP-03	23/04/1999	0	0	0
RP-05	13/10/1999	1	2	0
RP-06	12/12/1999	3	0	0
RP-07	15/03/2000	3	1	0
RP-08	23/06/2000	3	2	0
RP-09	13/10/2000	3	3	0
RP-10	22/12/2000	3	4	0
RP-11	05/04/2001	3	5	0

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G = required in systems with GERAN 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 25.123 Requirements for support of radio resource management (TDD)

R99 *current version:* 3.11.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-06	17/12/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
RP-07	17/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>
edito	27/04/2000	3	.	1	.	1	get it	
RP-08	23/06/2000	3	.	2	.	0	get it	
RP-09	11/10/2000	3	.	3	.	0	get it	
RP-10	22/12/2000	3	.	4	.	0	get it	
RP-11	05/04/2001	3	.	5	.	0	get it	
RP-12	29/06/2001	3	.	6	.	0	get it	
RP-13	03/10/2001	3	.	7	.	0	get it	
RP-14	16/01/2002	3	.	8	.	0	get it	
RP-15	19/03/2002	3	.	9	.	0	get it	
RP-16	03/07/2002	3	.	10	.	0	get it	
RP-17	04/10/2002	3	.	11	.	0	get it	

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

R99 *current version:* 3.12.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-06	17/12/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
RP-07	17/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>
RP-08	23/06/2000	3	.	2	.	0	get it	
RP-09	18/10/2000	3	.	3	.	0	get it	
RP-10	09/01/2001	3	.	4	.	0	get it	
RP-11	05/04/2001	3	.	5	.	0	get it	
RP-12	29/06/2001	3	.	6	.	0	get it	
RP-13	03/10/2001	3	.	7	.	0	get it	
RP-14	17/01/2002	3	.	8	.	0	get it	
RP-15	19/03/2002	3	.	9	.	0	get it	
RP-16	04/07/2002	3	.	10	.	0	get it	
RP-17	04/10/2002	3	.	11	.	0	get it	
RP-18	10/01/2003	3	.	12	.	0	get it	

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base station conformance testing (FDD)

R99 *current version:* 3.12.0
freeze_meeting: SP-06

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

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

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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 25.142 Base station conformance testing (TDD)

R99 *current version:* 3.12.0
freeze_meeting: SP-06

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

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

[get it](#) *remarks - general:*
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TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0
freeze_meeting: SP-05

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

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

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

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

Telefon AB LM Ericsson

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	.	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-16	28/06/2002	3	.	11	.	0
RP-17	27/09/2002	3	.	12	.	0

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.212 Multiplexing and channel coding (FDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* TANAKA, Yoshinori Fujitsu Limited
G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

Table of Contents 04/02/1999 0 . 0 . 0
and Scope
RP-03 23/04/1999 1 . 0 . 0
RP-04 23/06/1999 2 . 0 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-12 28/06/2001 3 . 6 . 0
RP-13 08/10/2001 3 . 7 . 0
RP-14 09/01/2002 3 . 8 . 0
RP-15 29/03/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0
RP-17 27/09/2002 3 . 11 . 0

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TS 25.213 Spreading and modulation (FDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

draft 04/02/1999 0 . 0 . 0
draft 04/03/1999 1 . 0 . 0
RP-03 23/04/1999 2 . 0 . 0
RP-04 23/06/1999 2 . 1 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-10 22/12/2000 3 . 4 . 0
RP-11 05/04/2001 3 . 5 . 0
RP-12 28/06/2001 3 . 6 . 0
RP-14 09/01/2002 3 . 7 . 0
RP-16 28/06/2002 3 . 8 . 0

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G = required in systems with GERAN 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 25.214 Physical layer procedures (FDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05

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

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

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TS 25.215 Physical layer; Measurements (FDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.11.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

history (event, available, version, comments):

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

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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 25.222 Multiplexing and channel coding (TDD)

R99 *current version:* 3.10.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
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

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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 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

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

history (event, available, version, 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

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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 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.12.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
RP-03	23/04/1999	1	.	0	.	0
RP-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

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remarks - this release:

TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-16	28/06/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	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 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.11.0
freeze_meeting: SP-03

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 *current version:* 3.15.0
freeze_meeting: SP-05

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

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

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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 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.12.0
freeze_meeting: SP-04

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

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

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.12.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

Start of work	15/01/1999	0	.	1	.	1		get it	<i>remarks - general:</i>
RP-03	23/04/1999	1	.	0	.	0		get it	<i>remarks - this release:</i>
RP-04	23/06/1999	1	.	2	.	0		get it	
RP-05	13/10/1999	3	.	0	.	0		get it	
RP-06	12/12/1999	3	.	1	.	0		get it	
RP-07	15/03/2000	3	.	2	.	0		get it	
RP-08	23/06/2000	3	.	3	.	0		get it	
RP-09	16/10/2000	3	.	4	.	0		get it	
RP-10	22/12/2000	3	.	5	.	0		get it	
RP-11	27/03/2001	3	.	6	.	0		get it	
RP-12	27/06/2001	3	.	7	.	0		get it	
RP-13	02/10/2001	3	.	8	.	0		get it	
RP-14	04/01/2002	3	.	9	.	0		get it	
RP-15	19/03/2002	3	.	10	.	0		get it	
RP-16	17/06/2002	3	.	11	.	0		get it	
RP-18	08/01/2003	3	.	12	.	0		get it	

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-07 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-05	13/10/1999	1	.	4	.	0		get it	<i>remarks - general:</i> Created from 25.923
RP-06	17/12/1999	3	.	0	.	0		get it	<i>remarks - this release:</i>
RP-07	15/03/2000	3	.	1	.	0		get it	
RP-08	23/06/2000	3	.	2	.	0		get it	
RP-09	16/10/2000	3	.	3	.	0		get it	
RP-10	22/12/2000	3	.	4	.	0		get it	
RP-11	27/03/2001	3	.	5	.	0		get it	
RP-12	19/06/2001	3	.	6	.	0		get it	
RP-14	04/01/2002	3	.	7	.	0		get it	
RP-15	19/03/2002	3	.	8	.	0		get it	

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.7.0 *freeze_meeting:* SP-10 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
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	

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remarks - general: Converted from TR 25.926 at TSG#10.

remarks - this release: Converted from TR 25.926 v3.2.0 Nov 00.

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

R99 *current version:* 3.1.0 *freeze_meeting:* RP-13 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
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	

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remarks - general: Release independent! - sort of. RP-13: responsibility: R2 = signalling requirements,

remarks - this release: Expect continual updates each time a new band is allowed. R4 = RF & RMM

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 25.321 Medium Access Control (MAC) protocol specification

R99 *current version:* 3.14.0
freeze_meeting: TP-04

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

history (event, available, version, comments):

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
draft	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	16/10/2000	3	.	5	.	0
RP-10	20/12/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-13	02/10/2001	3	.	9	.	0
RP-14	04/01/2002	3	.	10	.	0
RP-15	19/03/2002	3	.	11	.	0
RP-16	17/06/2002	3	.	12	.	0
RP-17	18/09/2002	3	.	13	.	0
RP-18	08/01/2003	3	.	14	.	0

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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 25.322 Radio Link Control (RLC) protocol specification

R99 *current version:* 3.13.0
freeze_meeting: SP-05

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

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	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

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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

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

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

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TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.6.0
freeze_meeting: SP-06

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

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

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

3GPP specification status

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.331 Radio Resource Control (RRC) protocol specification

R99 *current version:* 3.13.0
freeze_meeting: SP-05

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

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

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remarks - this release:

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.401 UTRAN overall description

R99 *current version:* 3.10.0
freeze_meeting: SP-05

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

history (event, available, version, comments):

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete draft	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	28/06/2002	3	.	10	.	0

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

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TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.10.0
freeze_meeting: SP-06

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

history (event, available, version, comments):

RP-05	13/10/1999	0	.	0	.	1
RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	28/06/2002	3	.	10	.	0

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

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G = required in systems with GERAN 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 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 *current version:* 3.8.0 *freeze_meeting:* SP-05
history (event, available, version, comments):

draft	04/03/1999	0	.	0	.	0		get it	<i>remarks - general:</i> Approval at TSG#5
RP-03	23/04/1999	0	.	1	.	0		get it	<i>remarks - this release:</i>
RP-04	23/06/1999	0	.	2	.	1		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-10	21/12/2000	3	.	3	.	0		get it	
RP-12	06/07/2001	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-16	28/06/2002	3	.	7	.	0		get it	
RP-17	30/09/2002	3	.	8	.	0		get it	

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mmO2 plc
G: *U:* yes *MCC:* KRAUSE, Joern

TS 25.411 UTRAN Iu interface layer 1

R99 *current version:* 3.5.0 *freeze_meeting:* SP-04
history (event, available, version, comments):

RP-03	23/04/1999	0	.	0	.	0		get it	<i>remarks - general:</i>
TB adoption of WI	15/01/1999	0	.	0	.	0		get it	<i>remarks - this release:</i>
Creation of WI by WG/TB	15/01/1999	0	.	0	.	0		get it	
RP-04	23/06/1999	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-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	

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

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 25.412 UTRAN Iu interface signalling transport

R99 current version: 3.6.0
freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran RadioScape Limited
G: U: yes MCC: KRAUSE, Joern

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

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remarks - this release:
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TS 25.413 UTRAN Iu interface RANAP signalling

R99 current version: 3.12.0
freeze_meeting: SP-06

WG (prime / other): R3 / - rapporteur: JUSSILA, Jyrki NOKIA Corporation
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	

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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 25.414 UTRAN Iu interface data transport & transport signalling

R99 *current version:* 3.12.0
freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* COMSTOCK, David Telefon AB LM Ericsson
G: *U:* yes *MCC:* KRAUSE, Joern

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

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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 25.415 UTRAN Iu interface user plane protocols

R99 *current version:* 3.12.0
freeze_meeting: SP-05

WG (prime / other): R3 / - *rapporteur:* MAUPIN, Alain
G: *U:* yes *MCC:* KRAUSE, Joern

Telefon AB LM Ericsson

history (event, available, version, comments):

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

[get it](#) *remarks - general:*
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TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 *current version:* 3.10.0
freeze_meeting: SP-07

WG (prime / other): R3 / - *rapporteur:* TAYLOR, Carolyn
G: *U:* yes *MCC:* KRAUSE, Joern

MOTOROLA Ltd

history (event, available, version, comments):

RP-06	17/12/1999	0	.	0	.	0
RP-07		2	.	0	.	0
RP-07	15/03/2000	3	.	0	.	0
RP-08	23/06/2000	3	.	1	.	0
RP-09	05/10/2000	3	.	2	.	0
RP-10	21/12/2000	3	.	3	.	0
RP-11	06/04/2001	3	.	4	.	0
RP-12	06/07/2001	3	.	5	.	0
RP-13	12/10/2001	3	.	6	.	0
RP-14	11/01/2002	3	.	7	.	0
RP-15	02/04/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0
RP-17	30/09/2002	3	.	10	.	0

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *freeze_meeting:* SP-06
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	1	.	0	.	1
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	05/10/2000	3	.	2	.	0
RP-11	05/04/2001	3	.	3	.	0
RP-14	11/01/2002	3	.	4	.	0
RP-15	02/04/2002	3	.	5	.	0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran
G: U: yes *MCC:* KRAUSE, Joern
RadioScape Limited

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

TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0 *freeze_meeting:* SP-04
history (event, available, version, comments):

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: U: yes *MCC:* KRAUSE, Joern
SIEMENS AG

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

TS 25.422 UTRAN Iur interface signalling transport

R99 *current version:* 3.6.1 *freeze_meeting:* SP-04
history (event, available, version, comments):

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
edito	05/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
edito post	02/04/2002	3	.	6	.	1

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran
G: U: yes *MCC:* KRAUSE, Joern
RadioScape Limited

[get it](#) *remarks - general:*
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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 25.423 UTRAN Iur interface RNSAP signalling

R99 *current version:* 3.12.0
freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* RUNE, Göran Ericsson AB
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version, comments):

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	02/01/2001	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0

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remarks - general:

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remarks - this release:

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.424 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 freeze_meeting: SP-04	WG (prime / other): R3 / - G: U: yes	rapporteur: KEKKI, Sami MCC: KRAUSE, Joern			NOKIA Corporation
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 freeze_meeting: SP-05	WG (prime / other): R3 / - G: U: yes	rapporteur: LONGONI, Fabio MCC: KRAUSE, Joern			NOKIA TELECOMMUNICATIONS FINLAND
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.

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.430 UTRAN Iub Interface: General Aspects and Principles

R99 *current version:* 3.8.0
freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: *U:* yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

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 Iub interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: *U:* yes *MCC:* KRAUSE, Joern

SIEMENS AG

history (event, available, version, comments):

RP-03	23/04/1999	0	.	0	.	0
Creation of WI by	15/01/1999	0	.	0	.	0
WG/TB						
RP-04	23/06/1999	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

[get it](#) *remarks - general:*
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TS 25.432 UTRAN Iub interface: signalling transport

R99 *current version:* 3.1.0
freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: *U:* yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

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 Iub interface NBAP signalling

R99 current version: 3.12.0
freeze_meeting: SP-06

WG (prime / other): R3 / - rapporteur: ISHIKAWA, Nobutaka NTT DoCoMo Inc
G: U: yes MCC: KRAUSE, Joern

history (event, available, version, comments):

WG approval	19/03/1999	0	0	0
RP-03	23/04/1999	1	0	0
RP-04	23/06/1999	1	0	2
RP-05	13/10/1999	1	3	0
RP-06	12/12/1999	3	0	0
RP-07	15/03/2000	3	1	0
RP-08	23/06/2000	3	2	0
RP-09	05/10/2000	3	3	0
RP-10	22/12/2000	3	4	0
edito	01/02/2001	3	4	1
RP-11	06/04/2001	3	5	0
RP-12	06/07/2001	3	6	0
RP-13	12/10/2001	3	7	0
RP-14	11/01/2002	3	8	0
RP-15	04/04/2002	3	9	0
RP-16	19/07/2002	3	10	0
RP-17	30/09/2002	3	11	0
RP-18	03/01/2003	3	12	0

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TS 25.434 UTRAN Iub interface data transport & transport signalling for CCH data streams

R99 current version: 3.8.0
freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: ALDEN, Magnus TeliaSonera AB
G: U: yes MCC: KRAUSE, Joern

history (event, available, version, comments):

draft	19/03/1999	0	0	0
RP-03	23/04/1999	1	0	0
RP-04	23/06/1999	3	0	0
RP-05	13/10/1999	3	1	0
RP-07	15/03/2000	3	2	0
RP-09	05/10/2000	3	3	0
RP-10	21/12/2000	3	4	0
RP-11	06/04/2001	3	5	0
RP-14	11/01/2002	3	6	0
RP-15	02/04/2002	3	7	0
RP-16	28/06/2002	3	8	0

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.435	UTRAN Iub interface user plane protocols for CCH data streams						
R99	current version: 3.10.0 freeze_meeting: SP-05		WG (prime / other): R3 / - G: U: yes	rapporteur: CALMEL, Jean-Marie MCC: KRAUSE, Joern		NORTEL NETWORKS (EUROPE)	
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 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				

TS 25.442	UTRAN implementation-specific O&M transport						
R99	current version: 3.1.0 freeze_meeting: SP-05		WG (prime / other): R3 / - G: U: yes	rapporteur: RECKER, Stephan MCC: KRAUSE, Joern		Indicate persons who left Company and wait for new One	
history (event, available, version, comments):							
	RP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:			
	RP-04 23/06/1999	0 . 0 . 2	get it	remarks - this release:			
	RP-05 13/10/1999	3 . 0 . 0	get it				
	RP-07 15/03/2000	3 . 1 . 0	get it				

TR 25.831	Study Items for future release	DRAFT					
R99	current version: 0.0.2 freeze_meeting: SP-06		WG (prime / other): R3 / - G: U: yes	rapporteur: DREVON, Nicolas MCC: KRAUSE, Joern		ALCATEL S.A.	
history (event, available, version, comments):							
	RP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:			
	RP-04 23/06/1999	0 . 0 . 2	get it	remarks - this release: .			

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	First complete draft 04/03/1999 0 . 0 . 0		get it	<i>remarks - general:</i>		
	WG approval 19/03/1999 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 . 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> 1.1.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation	
	<i>freeze_meeting:</i> SP-06		<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	RP-08 12/01/2001 1 . 1 . 0		get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.03)		
				<i>remarks - this release:</i>		

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> DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> RP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>		<i>U:</i> yes			
	draft 06/04/2001 0 . 0 . 0		get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.		
	RP-10 22/12/2000 3 . 0 . 0		get it	<i>remarks - this release:</i> TSG#10:3.0.0 (is evidently R99 not Rel-4)		
	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> 3.8.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
		<i>U:</i> yes		
<i>history (event, available, version, comments):</i>				
Table of Contents	04/02/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
and Scope				<i>remarks - this release:</i>
RP-03	23/04/1999	1 . 0 . 0	get it	
RP-05	13/10/1999	1 . 3 . 0	get it	
RP-06	12/12/1999	3 . 0 . 0	get it	
RP-07	15/03/2000	3 . 1 . 0	get it	
RP-10	20/12/2000	3 . 2 . 0	get it	
RP-11	27/03/2001	3 . 3 . 0	get it	
RP-12	19/06/2001	3 . 4 . 0	get it	
RP-13	02/10/2001	3 . 5 . 0	get it	
RP-14	04/01/2002	3 . 6 . 0	get it	
RP-15	19/03/2002	3 . 7 . 0	get it	
RP-18	13/01/2003	3 . 8 . 0	get it	

TR 25.922 Radio Resource Management Strategies

R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude	
		<i>U:</i> yes		
<i>history (event, available, version, comments):</i>				
First complete draft	04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
RP-03	23/04/1999	0 . 1 . 1	get it	<i>remarks - this release:</i>
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
G: *U:* yes *MCC:* ARZELIER, Claude Vodafone D2 GmbH

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:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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ACTIVE specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure							
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> TAKAMI, Tadao	NTT DoCoMo Inc			
	<i>freeze_meeting:</i> RP-06		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>							
	RP-03	23/04/1999	0	.	0	.	1	
	RP-04	23/06/1999	1	.	0	.	0	
	RP-05	13/10/1999	3	.	0	.	0	
	RP-06	17/12/1999	3	.	1	.	0	
			get it	<i>remarks - general:</i>				
			get it	<i>remarks - this release:</i>				
			get it					
			get it					
<hr/>								
TR 25.942	RF system scenarios							
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel N.V			
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>							
	RP-03	23/04/1999	0	.	0	.	2	
	RP-04	23/06/1999	1	.	0	.	0	
	RP-05	13/10/1999	2	.	0	.	0	
	RP-06	12/12/1999	2	.	1	.	1	
	RP-07	15/03/2000	2	.	1	.	3	
	RP-09	26/10/2000	2	.	3	.	0	
	RP-11	10/04/2001	3	.	0	.	0	
	RP-12	03/07/2001	3	.	1	.	0	
	RP-14	14/01/2002	3	.	2	.	0	
	RP-16	03/07/2002	3	.	3	.	0	
			get it	<i>remarks - general:</i> Additional rapporteur = A.De Pasquale.				
			get it	<i>remarks - this release:</i>				
			get it					
			get it					
			get it					
			get it					
			get it					
			get it					
			get it					
<hr/>								
TR 25.944	Channel coding and multiplexing examples							
R99	<i>current version:</i> 3.5.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> SP-07		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version, comments):</i>							
	editor's draft	25/11/1999	0	.	0	.	1	
	R1-09	15/12/1999	1	.	0	.	0	
	RP-07	16/03/2000	3	.	0	.	0	
	RP-08	23/06/2000	3	.	1	.	0	
	RP-09	18/10/2000	3	.	2	.	0	
	RP-10	22/12/2000	3	.	3	.	0	
	RP-11	06/04/2001	3	.	4	.	0	
	edito	10/04/2001	3	.	4	.	1	
	RP-12	28/06/2001	3	.	5	.	0	
			get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.04)				
			get it	<i>remarks - this release:</i>				
			get it					
			get it					
			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 R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
R99 *current version:* 3.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, comments):
RP-18 13/01/2003 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

R99 **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

TS 26.073 AMR speech Codec; C-source code
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, comments):
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:*
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 1 . 0 . 0 [get it](#)
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
SP-07 15/03/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-14 09/01/2002 3 . 3 . 0 [get it](#)

G = required in systems with GERAN 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 26.074	AMR speech Codec; Test sequences					
R99	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	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 02/02/2000 3 . 0 . 1	get it				
	available					
	Test sequences 14/09/2000 3 . 0 . 2	get it				
	corrected					
	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	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i> 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	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i> 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 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 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
R99	current version: 3.0.1 freeze_meeting: SP-04	WG (prime / other): S4 / - G: yes U: yes		rapporteur: EKUDDEN, Erik MCC: USAI, Paolino		Telefon AB LM Ericsson
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				
<hr/>						
TS 26.093	AMR speech Codec; Source Controlled Rate operation					
R99	current version: 3.3.0 freeze_meeting: SP-04	WG (prime / other): S4 / - G: yes U: yes		rapporteur: EKUDDEN, Erik MCC: USAI, Paolino		Telefon AB LM Ericsson
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				
<hr/>						
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
R99	current version: 3.0.0 freeze_meeting: SP-05	WG (prime / other): S4 / - G: yes U: yes		rapporteur: USAI, Paolino MCC: USAI, Paolino		Telecom Italia Lab S.p.A.
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				
<hr/>						
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
R99	current version: 3.3.0 freeze_meeting: SP-06	WG (prime / other): S4 / - G: U: yes		rapporteur: HAGQVIST, Jari MCC: USAI, Paolino		NOKIA Corporation
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 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 26.102	AMR speech Codec; Interface to lu and Uu					
R99	current version: 3.3.0	WG (prime / other): S4 / -	rapporteur: NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-06	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	SP-03 26/04/1999 0 . 2 . 0	get it	remarks - general:			
	SP-06 17/12/1999 3 . 0 . 0	get it	remarks - this release:			
	SP-07 15/03/2000 3 . 1 . 0	get it				
	SP-10 12/12/2000 3 . 2 . 0	get it				
	SP-11 10/04/2001 3 . 3 . 0	get it				

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: 3.4.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino		Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-07	G: yes U: yes	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	SP-06 17/12/1999 0 . 1 . 0	get it	remarks - general:			
	SP-07 15/03/2000 0 . 3 . 0	get it	remarks - this release:			
	SP-08 28/06/2000 3 . 0 . 0	get it				
	SP-10 21/12/2000 3 . 1 . 0	get it				
	SP-12 27/06/2001 3 . 2 . 0	get it				
	bug fix 29/06/2001 3 . 2 . 1	get it				
	SP-13 02/10/2001 3 . 3 . 0	get it				
	SP-15 28/03/2002 3 . 4 . 0	get it				

G = required in systems with GERAN 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 26.110	Codec for circuit switched multimedia telephony service; General description						
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO			
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO			
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5				
	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					
	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	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.			
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 0 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-06 17/12/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>				
	SP-08 28/06/2000 3 . 1 . 0	get it					
	SP-11 10/04/2001 3 . 2 . 0	get it					
	SP-13 02/10/2001 3 . 3 . 0	get it					
	SP-17 24/09/2002 3 . 4 . 0	get it					

G = required in systems with GERAN acces; U = required in systems with UMTS 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	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 0 . 0 . 0	get it	<i>remarks - general:</i>			
	draft 0 . 0 . 1		<i>remarks - this release:</i>			
	SP-08 1 . 0 . 0					
	SP-08 28/06/2000 3 . 0 . 0	get it				
	SP-09 10/10/2000 3 . 1 . 0	get it				
	SP-11 10/04/2001 3 . 2 . 0	get it				
	SP-13 02/10/2001 3 . 3 . 0	get it				
	SP-15 28/03/2002 3 . 4 . 0	get it				
	SP-17 24/09/2002 3 . 5 . 0	get it				
<hr/>						
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-05 13/10/1999 3 . 0 . 2	get it				
	decision to revise 30/10/1999 3 . 1 . 0	get it				
	version number					
	SP-06 17/12/1999 3 . 2 . 0	get it				
	edito 10/10/2000 3 . 2 . 1	get it				
	SP-10 21/12/2000 3 . 3 . 0	get it				
<hr/>						
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999 0 . 0 . 1	get it	<i>remarks - general:</i>			
	SP-04 23/06/1999 1 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-07 15/03/2000 3 . 0 . 0	get it				

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

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ACTIVE specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* USAI, Paolino

history (event, available, version, comments):
Creation of WI by 02/02/2000 0 . 0 . 1 [get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.
WG/TB *remarks - this release:* No Rel-4 version. Became 26.115.
SP-07 17/03/2000 3 . 0 . 0 [get it](#)

TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0 *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-06 17/12/1999 1 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
SP-07 17/03/2000 1 . 1 . 0 [get it](#) *remarks - this release:* was 26.075;
SP-11 31/03/2001 3 . 0 . 0 [get it](#)
SP-13 05/10/2001 3 . 1 . 0 [get it](#)

R99 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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

R99 *current version:* 3.11.0 *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](#) *remarks - general:*
NP-05 13/10/1999 3 . 2 . 0 [get it](#) *remarks - this release:*
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](#)

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

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ACTIVE specs R99 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0	get it <i>remarks - general:</i>
NP-05	13/10/1999	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	get it
NP-07	15/03/2000	3	.	3	.	0	get it
NP-08	23/06/2000	3	.	4	.	0	get it
NP-09	12/10/2000	3	.	5	.	0	get it

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

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

NP-03	23/04/1999	3	.	0	.	0	get it <i>remarks - general:</i>
NP-04	23/06/1999	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	get it
NP-07	15/03/2000	3	.	3	.	0	get it
NP-08	23/06/2000	3	.	4	.	0	get it
NP-09	12/10/2000	3	.	5	.	0	get it

TS 27.005 Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)

R99 *current version:* 3.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	18/06/1999	3	.	0	.	0	get it <i>remarks - this release:</i>
TP-06	17/12/1999	3	.	1	.	0	get it
TP-16	25/06/2002	3	.	2	.	0	get it

G = required in systems with GERAN 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 27.007 AT command set for 3G User Equipment (UE)

R99 *current version:* 3.12.0
freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0
TP-18	20/12/2002	3	.	12	.	0

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[get it](#) *remarks - this release:*
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TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 *current version:* 3.4.0
freeze_meeting: SP-04

WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services						
R99	current version: 3.7.0	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	remarks - general:	GPRS		
	NP-04 23/06/1999	3 . 1 . 0	get it	remarks - this release:			
	NP-05 13/10/1999	3 . 2 . 0	get it				
	NP-06 17/12/1999	3 . 3 . 0	get it				
	NP-07 15/03/2000	3 . 4 . 0	get it				
	NP-11 06/04/2001	3 . 5 . 0	get it				
	NP-16 24/06/2002	3 . 6 . 0	get it				
	NP-17 17/09/2002	3 . 7 . 0	get it				

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	remarks - general:			
	TP-09 16/10/2000	3 . 1 . 0	get it	remarks - this release:	TSG#8:3.1.0 but this CR not impementable.		

TR 27.901	Report on Terminal Interfaces - An Overview						
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB	
	freeze_meeting: SP-06	G:	U: yes	MCC:	RODERMUND, Friedhelm		
	history (event, available, version, comments):						
	TP-03 23/04/1999	0 . 0 . 1	get it	remarks - general:			
	TP-04 18/06/1999	1 . 0 . 0	get it	remarks - this release:	.		
	TP-05 08/10/1999	1 . 0 . 1	get it				
	TP-06 completed 17/12/1999	3 . 0 . 0	get it				
	TP-15 26/03/2002	3 . 1 . 0	get it				

TR 27.903	Discussion of synchronization standards						
R99	current version: 3.0.0	WG (prime / other):	T2 / -	rapporteur:	LOCKHART, Rob	Motorola Inc.	
	freeze_meeting: SP-05	G:	U: yes	MCC:	RODERMUND, Friedhelm		
	history (event, available, version, comments):						
	TP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:			
	TP-05 08/10/1999	3 . 0 . 0	get it	remarks - this release:	.		

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

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ACTIVE specs R99 27 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

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: 3.15.0

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	17/12/1999	3	.	3	.	0	
edito	31/01/2000	3	.	3	.	1	
NP-07	15/03/2000	3	.	4	.	0	
NP-08	23/06/2000	3	.	5	.	0	
edito	04/08/2000	3	.	5	.	1	
edito	10/08/2000	3	.	5	.	2	
NP-09	26/10/2000	3	.	6	.	0	
NP-10	20/12/2000	3	.	7	.	0	
edito	02/01/2001	3	.	7	.	1	
edito to make figures legible	31/01/2001	3	.	7	.	2	
NP-11	06/04/2001	3	.	8	.	0	
NP-12	06/07/2001	3	.	9	.	0	
NP-13	03/10/2001	3	.	10	.	0	
NP-14	18/01/2002	3	.	11	.	0	
NP-15	04/04/2002	3	.	12	.	0	
NP-16	21/06/2002	3	.	13	.	0	
NP-17	24/09/2002	3	.	14	.	0	
NP-18	09/01/2003	3	.	15	.	0	

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remarks - general:

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remarks - this release:

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

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network			
R99	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>			
	NP-03	23/04/1999	3 . 0 . 0	get it <i>remarks - general:</i>
	post-SP-04	27/05/1999	3 . 1 . 0	get it <i>remarks - this release:</i>
	NP-05	13/10/1999	3 . 2 . 0	get it
	NP-06	17/12/1999	3 . 3 . 0	get it
	NP-07	15/03/2000	3 . 4 . 0	get it
	NP-08	23/06/2000	3 . 5 . 0	get it
	NP-09	12/10/2000	3 . 6 . 0	get it
	NP-10	22/12/2000	3 . 7 . 0	get it
	NP-11	29/03/2001	3 . 8 . 0	get it
	NP-14	11/01/2002	3 . 9 . 0	get it
	NP-16	24/06/2002	3 . 10 . 0	get it
	NP-18	06/01/2003	3 . 11 . 0	get it

TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling			
R99	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	<i>3.10.0WG (prime / other):</i> N4	<i>/-</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo
	TeliaSonera AB	<i>G: yes U: yes</i>	<i>MCC:</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

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 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
NP-04 23/06/1999 3 . 0 . 0 [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 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-09 06/10/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

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

R99 *current version:* 3.10.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
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-07 15/03/2000 3 . 3 . 0 [get it](#)
NP-09 23/10/2000 3 . 4 . 0 [get it](#)
edito 31/10/2000 3 . 4 . 1 [get it](#)
NP-10 02/01/2001 3 . 5 . 0 [get it](#)
NP-11 06/04/2001 3 . 6 . 0 [get it](#)
NP-13 03/10/2001 3 . 7 . 0 [get it](#)
NP-14 04/01/2002 3 . 8 . 0 [get it](#)
NP-15 21/03/2002 3 . 9 . 0 [get it](#)
NP-16 26/06/2002 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 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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

R99 *current version:* 3.15.0 *WG (prime / other):* N4 / - *rporteur:* 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
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-10	28/09/2000	3	.	6	.	0
NP-10	21/12/2000	3	.	7	.	0
NP-11	30/03/2001	3	.	8	.	0
NP-12	04/07/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	11/01/2002	3	.	11	.	0
NP-15	28/03/2002	3	.	12	.	0
NP-16	21/06/2002	3	.	13	.	0
NP-17	18/09/2002	3	.	14	.	0
NP-18	07/01/2003	3	.	15	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)

R99 *current version:* 3.11.0 *WG (prime / other):* N3 / - *rporteur:* 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
NP-04	23/06/1999	3	.	1	.	0
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-09	12/10/2000	3	.	4	.	0
NP-11	06/04/2001	3	.	5	.	0
NP-12	28/06/2001	3	.	6	.	0
NP-13	12/10/2001	3	.	7	.	0
NP-14	14/01/2002	3	.	8	.	0
NP-15	20/03/2002	3	.	9	.	0
NP-16	03/07/2002	3	.	10	.	0
NP-18	09/01/2003	3	.	11	.	0

[get it](#) *remarks - general:* Former title: "General Packet Radio Service (GPRS); Interworking between the Public
[get it](#) *remarks - this release:* Land Mobile Network (PLMN) supporting GPRS and Packet".
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version, comments):</i>				
	NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4
	NP-04	30/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3
	NP-06	17/12/1999	3 . 2 . 0	get it	
	NP-07	15/03/2000	3 . 3 . 0	get it	
	NP-08	23/06/2000	3 . 4 . 0	get it	
	Editorial	23/06/2000	3 . 4 . 1	get it	
	NP-09	10/10/2000	3 . 5 . 0	get it	
	NP-10	05/01/2001	3 . 6 . 0	get it	
	NP-11	29/03/2001	3 . 7 . 0	get it	
	NP-12	03/07/2001	3 . 8 . 0	get it	
	NP-13	03/10/2001	3 . 9 . 0	get it	
	NP-14	04/01/2002	3 . 10 . 0	get it	
	NP-15	19/03/2002	3 . 11 . 0	get it	
	NP-16	17/06/2002	3 . 12 . 0	get it	
	NP-17	17/09/2002	3 . 13 . 0	get it	
	NP-18	18/12/2002	3 . 14 . 0	get it	

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>				
	RP-08		2 . 0 . 0		<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)
	RP-08	30/06/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>
	RP-10	20/12/2000	3 . 1 . 0	get it	
	RP-13	12/10/2001	3 . 2 . 0	get it	

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	NP-04	27/05/1999	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5
	NP-06	15/12/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>
	NP-07	15/03/2000	3 . 0 . 0	get it	

G = required in systems with GERAN 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 29.120	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			
<hr/>						
TS 29.198	Open Service Architecture (OSI) Application Programming Interface (API) - Part 1					
R99	current version: 3.4.0	WG (prime / other): N5 / -	rapporteur: MOERDIJK, Ard-Jan	Telefon AB LM Ericsson		
	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			
<hr/>						
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards					
R99	current version: none	WG (prime / other): RP / -	rapporteur: COURAU, François	ALCATEL S.A.		
	freeze_meeting: SP-06	G: yes U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar			
	history (event, available, version, comments):					
	remarks - general:					
	remarks - this release: .					
<hr/>						
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	MCC: Skov	JORGENSEN, Per Johan		
	history (event, available, version, comments):					
	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.	
	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 *WG (prime / other):* N5 / - *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
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 <i>remarks - general:</i> OSA subgroup
NP-08	23/06/2000	3	.	0	.	0	get it <i>remarks - this release:</i>
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 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	0	get it <i>remarks - general:</i> Contents is a reference to ETSI TR 102 221.
TP-04	23/06/1999	0	.	5	.	0	get it <i>remarks - this release:</i> TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.
TP-05	08/10/1999	1	.	0	.	0	get it
TP-06	17/12/1999	3	.	0	.	0	get it
TP-07	15/03/2000	3	.	1	.	0	get it completion target
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:* 3.11.0
freeze_meeting: SP-06

WG (prime / other): T3 / - *rapporteur:* HEIM, Christian
G: *U:* yes *MCC:* DIETZE, Claus

GIESECKE & DEVRIENT GmbH

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	0
TP-04	23/06/1999	0	.	5	.	0
TP-05	08/10/1999	1	.	0	.	0
TP-06	17/12/1999	3	.	0	.	0
TP-07 completion	15/03/2000	3	.	1	.	0
target						
TP-08	23/06/2000	3	.	2	.	0
TP-09	18/10/2000	3	.	3	.	0
TP-10	05/01/2001	3	.	4	.	0
TP-11	09/04/2001	3	.	5	.	0
TP-12	06/07/2001	3	.	6	.	0
TP-13	11/10/2001	3	.	7	.	0
TP-14	17/01/2002	3	.	8	.	0
TP-16	28/06/2002	3	.	9	.	0
TP-17	25/09/2002	3	.	10	.	0
TP-18	02/01/2003	3	.	11	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0
freeze_meeting: SP-06

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: *U:* yes *MCC:* DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

history (event, available, version, comments):

E-mailed to SP-T	15/11/1999	1	.	0	.	0
for information						
TP-06	17/12/1999	3	.	0	.	0
TP-07 completion	15/03/2000	3	.	1	.	0
target						
TP-09	18/10/2000	3	.	2	.	0

[get it](#) *remarks - general:* Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001:
remarks - this release: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 31 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	USIM Application Toolkit (USAT)					
R99	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version, comments):</i>						
	TP-06 17/12/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.	
	TP-07 15/03/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-08 23/06/2000	3 . 1 . 0	get it			
	TP-09 18/10/2000	3 . 2 . 0	get it			
	TP-10 05/01/2001	3 . 3 . 0	get it			
	TP-11 09/04/2001	3 . 4 . 0	get it			
	TP-12 06/07/2001	3 . 5 . 0	get it			
	TP-13 12/10/2001	3 . 6 . 0	get it			
	TP-14 16/01/2002	3 . 7 . 0	get it			
	TP-16 28/06/2002	3 . 8 . 0	get it			
	TP-18 02/01/2003	3 . 9 . 0	get it			

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	Orga Test Systems Gmbh		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version, comments):</i>						
	TP-09 18/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP	
	TP-10 05/01/2001	3 . 0 . 0	get it	<i>remarks - this release:</i>	TP-11:moved to ETSI-SCP. TP-12: reinstated.	

TS 31.121	UICC-terminal interface; USIM application test specification					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> AFCHAR, Ramin	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> DIETZE, Claus			
<i>history (event, available, version, comments):</i>						
	TP-09 18/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 2)	
	TP-10 05/01/2001	3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-12 06/07/2001	3 . 1 . 0	get it			
	TP-16 19/06/2002	3 . 2 . 0	get it			
	TP-17 18/09/2002	3 . 3 . 0	get it			
	TP-18 02/01/2003	3 . 4 . 0	get it			

G = required in systems with GERAN 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 USIM conformance test specification

R99 *current version:* 3.5.0 *freeze_meeting:* SP-08
WG (prime / other): T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
G: *U:* yes *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-09	18/10/2000	1	.	0	.	0
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

[get it](#)

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 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 *freeze_meeting:* SP-08
WG (prime / other): S5 / - *rapporteur:* BENDER, James Nortel Networks (USA)
G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-06	17/12/1999	3	.	0	.	0
SP-08	23/06/2000	3	.	1	.	0
correct	10/10/2000	3	.	2	.	0

[get it](#)

remarks - general:

remarks - this release:

[get it](#)

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 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 32.015	Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain					
R99	current version: 3.10.0	WG (prime / other):	S5 / -	rapporteur:	LEHNERT, Matthias	ALCATEL S.A.
	freeze_meeting: SP-08	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	SP-06	17/12/1999	3 . 0 . 0	get it	remarks - general:	
	SP-07	17/03/2000	3 . 1 . 0	get it	remarks - this release:	
	Editorial	17/03/2000	3 . 1 . 1	get it		
	SP-08	23/06/2000	3 . 2 . 0	get it		
	SP-09	10/10/2000	3 . 3 . 0	get it		
	SP-10	21/12/2000	3 . 4 . 0	get it		
	SP-11	05/04/2001	3 . 5 . 0	get it		
	SP-12	03/07/2001	3 . 6 . 0	get it		
	SP-13	05/10/2001	3 . 7 . 0	get it		
	SP-14	11/01/2002	3 . 8 . 0	get it		
	SP-15	26/03/2002	3 . 9 . 0	get it		
	SP-18	07/01/2003	3 . 10 . 0	get it		

TS 32.101	Telecommunication management; Principles and high level requirements					
R99	current version: 3.4.0	WG (prime / other):	S5 / -	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: SP-07	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version, comments):					
	SP-03	26/04/1999	1 . 0 . 0	get it	remarks - general:	
	SP-05	13/10/1999	1 . 2 . 0	get it	remarks - this release:	
	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 Telia Mobile AB
G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

Creation of WI by 26/04/1999 0 . 0 . 0
WG/TB
SP-03 26/04/1999 1 . 0 . 0
SP-05 13/10/1999 1 . 2 . 0
SP-06 17/12/1999 3 . 0 . 0
SP-07 17/03/2000 3 . 1 . 0
Editorial 17/03/2000 3 . 1 . 1
SP-08 23/06/2000 3 . 2 . 0

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

TS 32.104 3G Performance Management

R99 *current version:* 3.5.0
freeze_meeting: SP-07

WG (prime / other): S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
SP-07 17/03/2000 3 . 1 . 0
Editorial 17/03/2000 3 . 1 . 1
SP-08 23/06/2000 3 . 2 . 0
SP-09 10/10/2000 3 . 3 . 0
SP-10 21/12/2000 3 . 4 . 0
SP-14 11/01/2002 3 . 5 . 0

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

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 *current version:* 3.1.0
freeze_meeting: SP-07

WG (prime / other): S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
G: *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 1 . 1 . 0
SP-07 17/03/2000 3 . 0 . 0
Editorial 17/03/2000 3 . 0 . 1
SP-08 23/06/2000 3 . 1 . 0 split into parts

[get it](#) *remarks - general:* SP-08: split into eight parts
remarks - this release: SP-08: multipart split from parent 3.0.1
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1
R99	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> SP-07
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TSE, Edwin Ericsson Incorporated <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-08: split into	23/06/2000 3 . 1 . 0 parts get it <i>remarks - general:</i> TSG#8: split into eight 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; CORBA solution set version 1:1
R99	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> SP-07
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TSE, Edwin Ericsson Incorporated <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-08: split into	23/06/2000 3 . 1 . 0 parts get it <i>remarks - general:</i> TSG#8: split into eight 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; CMIP Solution Set Version 1:1
R99	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> SP-07
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version, comments):</i>	
SP-08: split into	23/06/2000 3 . 1 . 0 parts get it <i>remarks - general:</i> TSG#8: split into eight 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 NRM)
R99	<i>current version:</i> version 1 3.2.0 <i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
	<i>G:</i> <i>U:</i> yes <i>MCC:</i> ZOICAS, Adrian
<i>freeze_meeting:</i> SP-10	
<i>history (event, available, version, comments):</i>	
draft	10/10/2000 1 . 0 . 1 get it <i>remarks - general:</i> TSG#8: split into eight parts
SP-10	21/12/2000 3 . 0 . 0 get it <i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)
SP-11	05/04/2001 3 . 1 . 0 get it
SP-12	03/07/2001 3 . 2 . 0 get it

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

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-6 Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	31/10/2000	0	. 1	. 0	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) CMIP solution set version 1:1

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	31/10/2000	0	. 1	. 0	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 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-08: split into parts	23/06/2000	3	. 1	. 0	get it	<i>remarks - general:</i> TSG#8: split into eight parts
SP-12	03/07/2001	3	. 2	. 0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0

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

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	13/10/1999	1	. 0	. 0	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 parts	23/06/2000	3	. 1	. 0	get it	
SP-09	10/10/2000	3	. 2	. 0	get it	

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

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	13/10/1999	1	. 0	. 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	. 1	. 0	get it	<i>remarks - this release:</i>
SP-07	17/03/2000	3	. 0	. 0	get it	
Editorial	17/03/2000	3	. 0	. 1	get it	
SP-08: split into parts	23/06/2000	3	. 1	. 0	get it	
editorial	06/09/2000	3	. 1	. 1	get it	
SP-09	10/10/2000	3	. 2	. 0	get it	
SP-10	20/12/2000	3	. 3	. 0	get it	

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	13/10/1999	1	. 0	. 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	. 1	. 0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	. 0	. 0	get it	
Editorial	17/03/2000	3	. 0	. 1	get it	
SP-08: split into parts	23/06/2000	3	. 1	. 0	get it	
SP-09	10/10/2000	3	. 2	. 0	get it	
SP-10	20/12/2000	3	. 3	. 0	get it	
SP-11	05/04/2001	3	. 4	. 0	get it	
SP-12	04/07/2001	3	. 5	. 0	get it	
SP-14	11/01/2002	3	. 6	. 0	get it	

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

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ACTIVE specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-05	13/10/1999	1	.	0	.	0	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 parts	23/06/2000	3	.	1	.	0	get it	
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

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

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

R99 current version: 3.13.0
freeze_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV
G: U: yes MCC: POPE, Maurice

history (event, available, version, comments):

Table of Contents and Scope	04/03/1999	0	.	0	.	1	
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	

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remarks - this release:

TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0
freeze_meeting: SP-05

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc
G: U: yes MCC: POPE, Maurice

history (event, available, version, comments):

SP-04	23/06/1999	1	.	0	.	0	
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	

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remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic Algorithm requirements					
R99	current version: 3.8.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	freeze_meeting: SP-04	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-04 23/06/1999 3 . 0 . 0			get it	remarks - general:	
	SP-05 13/10/1999 3 . 1 . 0			get it	remarks - this release:	
	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	current version: 3.1.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-08	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-04 23/06/1999 3 . 0 . 0			get it	remarks - general:	
	SP-06 17/12/1999 3 . 1 . 0			get it	remarks - this release: .	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	current version: 3.5.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-06	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version, comments):					
	SP-04 23/06/1999 3 . 0 . 0			get it	remarks - general:	
	SP-10 22/12/2000 3 . 1 . 0			get it	remarks - this release:	
	SP-11 30/03/2001 3 . 2 . 0			get it		
	SP-13 03/10/2001 3 . 3 . 0			get it		
	SP-14 07/01/2002 3 . 4 . 0			get it		
	SP-15 26/03/2002 3 . 5 . 0			get it		

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

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ACTIVE specs R99 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.120	Security Objectives and Principles					
R99	<i>current version:</i> 3.0.0 <i>freeze_meeting:</i> SP-03	<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>	G:	U: yes	<i>MCC:</i> POPE, Maurice		
	Table of Contents and Scope					get it <i>remarks - general:</i>
	04/03/1999 0 . 0 . 1					<i>remarks - this release:</i> .
	First complete draft					get it
	26/03/1999 1 . 0 . 0					get it
	WG approval					get it
	26/03/1999 2 . 0 . 0					get it
	SP-03					get it
	23/04/1999 3 . 0 . 0					
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TR 33.901	Criteria for cryptographic Algorithm design process					
R99	<i>current version:</i> 3.0.0 <i>freeze_meeting:</i> SP-04	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf		Telefon AB LM Ericsson	
	<i>history (event, available, version, comments):</i>	G:	U: yes	<i>MCC:</i> POPE, Maurice		
	SP-03					get it <i>remarks - general:</i>
	23/04/1999 0 . 0 . 0					<i>remarks - this release:</i> .
	SP-04					get it
	23/06/1999 3 . 0 . 0					
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TR 33.902	Formal Analysis of the 3G Authentication Protocol					
R99	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> SP-05	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther		SIEMENS AG	
	<i>history (event, available, version, comments):</i>	G:	U: yes	<i>MCC:</i> POPE, Maurice		
	SP-05					get it <i>remarks - general:</i>
	13/10/1999 3 . 0 . 0					<i>remarks - this release:</i> .
	SP-06					get it
	17/12/1999 3 . 1 . 0					
<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>freeze_meeting:</i> SP-07	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i>	G:	U: yes	<i>MCC:</i> POPE, Maurice		
	SP-07					get it <i>remarks - general:</i> TSG#7: S3-000105=NP-000049
	17/03/2000 3 . 0 . 0 SP-000039					<i>remarks - this release:</i> Formerly 33.904.

R99 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

G = required in systems with GERAN 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 34.108 Common test environments for User Equipment (UE) conformance testing

R99 *current version:* 3.10.0
freeze_meeting: SP-08

WG (prime / other): T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.
G: *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

Start of work		0	.	0	.	1	
TP-07	15/03/2000	1	.	0	.	0	TP-000032
editorial tidy up	23/03/2000	1	.	0	.	1	
TP-08		2	.	0	.	0	
TP-08	23/06/2000	3	.	0	.	0	
Editorial	23/06/2000	3	.	0	.	1	
TP-09	06/10/2000	3	.	1	.	0	
TP-10	09/01/2001	3	.	2	.	0	
TP-11	28/03/2001	3	.	3	.	0	
TP-12	27/06/2001	3	.	4	.	0	
TP-13	08/10/2001	3	.	5	.	0	
TP-14	09/01/2002	3	.	6	.	0	
TP-15	20/03/2002	3	.	7	.	0	
edito post	TP-15	26/03/2002	3	.	7	.	1
TP-16	17/06/2002	3	.	8	.	0	
TP-17	10/09/2002	3	.	9	.	0	
TP-18	18/12/2002	3	.	10	.	0	

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remarks - general:

remarks - this release: TSG#8:apr1 is controversial

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.8.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-03	23/04/1999	0	.	0	.	0	get it	<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed. TSG#9: <i>remarks - this release:</i> Stable, so txfered from T1 to R2.
RP-04	18/06/1999	0	.	2	.	0	get it	
RP-05	08/10/1999	1	.	0	.	0	get it	
RP-06	17/12/1999	1	.	0	.	3	get it	
next version	03/02/2000	1	.	1	.	0	get it	
RP-07	15/03/2000	1	.	2	.	0	get it	
RP-08	23/06/2000	3	.	0	.	0	get it	
RP-09	05/10/2000	3	.	1	.	0	get it	
RP-10	20/12/2000	3	.	2	.	0	get it	
RP-11	27/03/2001	3	.	3	.	0	get it	
RP-12	19/06/2001	3	.	4	.	0	get it	
RP-15	19/03/2002	3	.	5	.	0	get it	
RP-16	17/06/2002	3	.	6	.	0	get it	
RP-17	18/09/2002	3	.	7	.	0	get it	
RP-18	13/01/2003	3	.	8	.	0	get it	

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-07

WG (prime / other): T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
G: *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	0
TP-04	18/06/1999	1	.	0	.	1
TP-05	08/10/1999	1	.	2	.	0
TP-06	17/12/1999	1	.	5	.	0
TP-07	15/03/2000	2	.	0	.	0
TP-07	15/03/2000	3	.	0	.	0
Editorial	15/03/2000	3	.	0	.	1
TP-08	23/06/2000	3	.	1	.	0
TP-09	05/10/2000	3	.	2	.	0
TP-10	21/12/2000	3	.	3	.	0
TP-11	28/03/2001	3	.	4	.	0
TP-12	18/06/2001	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	09/01/2002	3	.	7	.	0
TP-15	20/03/2002	3	.	8	.	0
TP-16	17/06/2002	3	.	9	.	0
TP-17	05/09/2002	3	.	10	.	0
TP-18	18/12/2002	3	.	11	.	0

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remarks - this release:

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99 *current version:* 3.10.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-04	18/06/1999	0	.	0	.	0
TP-05	08/10/1999	0	.	1	.	0
TP-06	17/12/1999	1	.	0	.	0
TP-07	15/03/2000	1	.	2	.	0
Editorial	15/03/2000	1	.	2	.	1
TP-08		2	.	0	.	0
TP-08	23/06/2000	3	.	0	.	0
edito	28/08/2000	3	.	0	.	1
TP-09	05/10/2000	3	.	1	.	0
TP-10	21/12/2000	3	.	2	.	0
TP-11	28/03/2001	3	.	3	.	0
TP-12	18/06/2001	3	.	4	.	0
TP-13	03/10/2001	3	.	5	.	0
TP-14	09/01/2002	3	.	6	.	0
TP-15	21/03/2002	3	.	7	.	0
TP-16	17/06/2002	3	.	8	.	0
TP-17	05/09/2002	3	.	9	.	0
TP-18	18/12/2002	3	.	10	.	0

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

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	0
TP-05	08/10/1999	0	.	0	.	4
TP-06	17/12/1999	1	.	0	.	0
manicure	23/03/2000	1	.	0	.	1
TP-08		2	.	0	.	0
TP-08	23/06/2000	3	.	0	.	0
TP-09	10/10/2000	3	.	1	.	0
TP-10	09/01/2001	3	.	2	.	0
TP-11	28/03/2001	3	.	3	.	0
TP-12	28/06/2001	3	.	4	.	0
TP-13	03/10/2001	3	.	5	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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

R99	current version: 3.5.0	WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-10	G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version, comments):				
	TP-03 23/04/1999	0 . 0 . 1	get it	remarks - general:
	TP-05 08/10/1999	0 . 0 . 6	get it	remarks - this release: TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).
	TP-06 17/12/1999	1 . 0 . 0	get it	
	TP-07 15/03/2000	1 . 0 . 1	get it	
	TP-09 22/09/2000	2 . 0 . 0	get it	
	TP-09 06/10/2000	3 . 1 . 0	get it	
	TP-10 09/01/2001	3 . 2 . 0	get it	
	TP-11 28/03/2001	3 . 3 . 0	get it	
	TP-12 28/06/2001	3 . 4 . 0	get it	
	TP-13 04/10/2001	3 . 5 . 0	get it	

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99	current version: 3.0.0	WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-13	G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version, comments):				
	TP-03 23/04/1999	0 . 0 . 0	get it	remarks - general:
Start work if STF		0 . 0 . 1		remarks - this release:
fund +T2 input avail.				
	TP-11 28/03/2001	1 . 0 . 0	get it	
	TP-12 28/06/2001	1 . 0 . 3	get it	TP-010124
	draft 11/10/2001	1 . 0 . 5	get it	
	TP-18 16/12/2002	2 . 0 . 0	get it	text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20.
	TP-18 18/12/2002	3 . 0 . 0	get it	Availability delayed pending availability of .mp file.

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

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ACTIVE specs R99 34 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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

R99 *current version:* 3.3.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

TP-03	23/04/1999	0	.	0	.	1	get it	<i>remarks - general:</i>	T1->R4@TSG#10
draft	15/07/1999	1	.	0	.	0	get it	<i>remarks - this release:</i>	
draft	15/08/1999	1	.	0	.	1	get it		
draft	15/09/1999	1	.	1	.	0	get it		
TP-05	08/10/1999	1	.	2	.	0	get it		
TP-06	17/12/1999	1	.	2	.	2	get it		
draft	15/02/2000	1	.	3	.	0	get it		
SWG T1 EMC at meeting-08	28/02/2000	2	.	0	.	0	get it		
TP-07		2	.	0	.	1			SP-000034
TP-07	15/03/2000	3	.	0	.	0	get it		
TP-09	05/10/2000	3	.	1	.	0	get it		
RP-10	09/01/2001	3	.	2	.	0	get it		
RP-11	05/04/2001	3	.	3	.	0	get it		

TR 34.901 Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance

R99 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* YOKOYAMA, Mitsuru Agilent Technologies Japan, Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version, comments):

remarks - general: 2002-09-16: 34.801 -> 34.901.
remarks - this release: 2002-09-26: Anticipate approval at TP-18.

TR 34.907 Report on electrical safety requirements and regulations

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* IIMORI, Eiji Toshiba Corporation, Digital Media Network Company
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-03	23/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>	
TP-05	08/10/1999	3	.	0	.	0	get it	<i>remarks - this release:</i>	.

G = required in systems with GERAN 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

TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions

R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHANSSON, Sven Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, 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 acces; 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	<i>remarks - this release:</i>
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	<i>remarks - this release:</i>
IPR, licence text	20/08/2001	3	.	1	.	2		get it	

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04 Abbreviations and acronyms

R98 *current version:* 7.0.0 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R98 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<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> smg-25 20/03/1998 7 . 0 . 0 smg-26 26/06/1998 7 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TR 01.33	Lawful Interception requirements for GSM					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<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> 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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MESSIET, Samira		ALCATEL S.A.	
		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> smg-28 1 . 0 . 0 smg-29 25/06/1999 7 . 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					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<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> upgrade to R98 04/10/2001 7 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN 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 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited	
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1 ETSI publication 13/12/1999 7 . 0 . 2	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0			
<hr/>						
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 02.04	General on Supplementary Services					
R98	<i>current version:</i> 7.1.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited	
	<i>history (event, available, version, comments):</i> smg-25 20/03/1998 7 . 0 . 0 smg-28 12/02/1999 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1 ETSI publication 28/12/1999 7 . 1 . 2	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> JEAL, David <i>MCC:</i> CLAYTON, Michael		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI publication 29/12/1999 7 . 0 . 1	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 R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 03/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-07 15/03/2000 7 . 1 . 0	get it				
<hr/>						
TS 02.09	Security aspects					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 / S1 / NP	<i>rapporteur:</i> CHRISTOFFERSSON, Per	Telia Promotor AB		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-31 16/02/2000 7 . 1 . 0	get it				
	ETSI publication 29/08/2000 7 . 1 . 1	get it				
<hr/>						
TS 02.11	Service Accessibility					
R98	<i>current version:</i> 7.1.0	<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-27 16/10/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 03/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-11 02/04/2001 7 . 1 . 0	get it				
<hr/>						
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				

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 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / S1 <i>G: yes U:</i>	<i>rapporteur:</i> HOOKER, Philip <i>MCC:</i> DIETZE, Claus		ORANGE PCS LTD	
	<i>history (event, available, version, comments):</i> smg-26 26/06/1998 7 . 0 . 0 smg-27 16/10/1998 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1	get it get it 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					
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / - <i>G: yes U:</i>	<i>rapporteur:</i> DIETRICH, Christian <i>MCC:</i> DIETZE, Claus		SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0	get it get it	<i>remarks - general:</i> SMG9->T3@#31 <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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> DURAND, Romain <i>MCC:</i> CLAYTON, Michael		ALCATEL S.A.	
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> JEAL, David <i>MCC:</i> CLAYTON, Michael		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 editorial 19/07/2002 7 . 1 . 1	get it 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 R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<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>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	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>freeze_meeting:</i> smg-29	<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>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> POPE, Maurice			
	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				
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 7 . 0 . 0 edito 28/07/1999 7 . 0 . 1	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i>			
<hr/>						
TS 02.41	Operator Determined Barring					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,			BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les			Union Internationale des Chemins de Fer
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>history (event, available, version, comments):</i> smg-27 7 . 0 . 0 smg-28 7 . 1 . 0 SP-05 7 . 2 . 0 SP-08 07/09/2000 7 . 3 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
		get it				
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel			MOTOROLA Ltd
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> DIETZE, Claus			
		get it	<i>remarks - general:</i> SMG9->T3@#31			
			<i>remarks - this release:</i>			

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ACTIVE specs R98 02 .- series
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TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
	ETSI publication 16/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1				
R98	<i>current version:</i> 7.2.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.2.0		
	ETSI PE 26/05/1999 7 . 1 . 1	get it			
	smg-29 25/06/1999 7 . 2 . 0	get it			
	ETSI publication 05/09/2000 7 . 2 . 1	get it			
<hr/>					
TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1				
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 #29: 7.1.0		
<hr/>					
TS 02.60	General Packet Radio Service Stage 1 Description				
R98	<i>current version:</i> 7.5.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael		
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0		
	smg-29 25/06/1999 7 . 2 . 0	get it			
	SP-05 08/10/1999 7 . 3 . 0	get it			
	SP-07 15/03/2000 7 . 4 . 0	get it			
	SP-08 23/06/2000 7 . 5 . 0	get it			

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> VACANT, <i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i> smg-25 20/03/1998 7 . 0 . 0 SP-07 15/03/2000 7 . 1 . 0	get it get it	<i>remarks - general:</i> <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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GILES, Les <i>MCC:</i> CLAYTON, Michael		Union Internationale des Chemins de Fer	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GILES, Les <i>MCC:</i> CLAYTON, Michael		Union Internationale des Chemins de Fer	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 edito 25/06/1999 7 . 0 . 1 publish EN 300 925 24/08/2000 7 . 0 . 2	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GILES, Les <i>MCC:</i> CLAYTON, Michael		Union Internationale des Chemins de Fer	
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1 ETSI publication 29/12/1999 7 . 0 . 2	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0			

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ACTIVE specs R98 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.72	Call Deflection Service description; Stage 1				
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<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-27 16/10/1998 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0		
	smg-28 12/02/1999 7 . 2 . 0	get it			
	smg-29 25/06/1999 7 . 2 . 1	get it			
<hr/>					
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<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	get it	<i>remarks - this release:</i>		
	SP-14 14/01/2002 7 . 2 . 0	get it			
<hr/>					
TS 02.79	Support of Optimal Routing (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		
<hr/>					
TS 02.81	Line Identification Supplementary Services; Stage 1				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<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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ACTIVE specs R98 02 .- series
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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			
<hr/>						
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:	<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 02.85	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:	<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 02.86	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:	<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 02.87	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:	<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: 7.1.1			
	smg-29 25/06/1999 7 . 1 . 1	get it				
	ETSI publication 16/12/1999 7 . 1 . 2	get it				

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TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0		get it <i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> SLOTTE, Sverre <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation	
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> POSTMANN, Erwin <i>MCC:</i> CLAYTON, Michael		SIEMENS AG	
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd	
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd	
	<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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Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.96 Name Identification Supplementary Services; Stage 1

R98 *current version:* 7.0.0 *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-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version:* 7.1.0 *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

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R98 *current version:* 7.0.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, 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 / T2 *rapporteur:* SULTAN, Alain SOURCE COM
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:*
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: 7.7.0* WG (prime / other): N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-28	12/02/1999	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-29	25/06/1999	7	.	1	.	0	get it	<i>remarks - this release:</i>
NP-05	08/10/1999	7	.	2	.	0	get it	
NP-06	15/12/1999	7	.	3	.	0	get it	
edito	11/02/2000	7	.	3	.	1	get it	
NP-07	15/03/1999	7	.	4	.	0	get it	
NP-08	17/03/2000	7	.	5	.	0	get it	
NP-12	27/06/2001	7	.	6	.	0	get it	
NP-16	26/06/2002	7	.	7	.	0	get it	SA did not approve companion CRs to 02.16.

TR 03.05 Technical performance objectives

R98 *current version: 7.0.0* WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release: #29: 7.0.0</i>

TS 03.07 Restoration Procedures

R98 *current version: 7.1.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0	get it	<i>remarks - general:</i>
NP-06	15/12/1999	7	.	1	.	0	get it	<i>remarks - this release:</i>

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 03.08	Organization of Subscriber Data				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<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 . 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			
<hr/>					
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	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 03.10	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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 26/06/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
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	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 03.12	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	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		

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TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / - <i>G: yes U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N1 / - <i>G: yes U:</i>	<i>rapporteur:</i> ZAUS, Robert <i>MCC:</i> JORGENSEN, Per Johan		SIEMENS AG
<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 edito 10/08/1999 7 . 0 . 1					
get it <i>remarks - general:</i> 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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> PARK, Ian David Chalmers <i>MCC:</i> KYMALAINEN, Kimmo		VODAFONE LTD
<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 03.16	Subscriber Data Management				
R98	<i>current version:</i> 7.6.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 NP-06 15/12/1999 7 . 2 . 0 NP-07 15/03/2000 7 . 3 . 0 NP-09 31/10/2000 7 . 4 . 0 NP-11 02/04/2001 7 . 5 . 0 NP-17 17/09/2002 7 . 6 . 0					
get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it get it get it get it get it					

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TS 03.18	Basic Call Handling				
R98	<i>current version:</i> 7.4.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD	
		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 . 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	GSM API for SIM toolkit stage 2				
R98	<i>current version:</i> 7.5.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian DIETZE, Claus	SchlumbergerSema - Schlumberger Systèmes S.A	
		G: yes U:	<i>MCC:</i>		
	<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			

TS 03.20	Security-related Network Functions				
R98	<i>current version:</i> 7.2.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom	
		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

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode								
R98	<i>current version:</i> 7.4.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
		G: yes U:	Skov	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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S					
		G: yes U:	Skov	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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB					
		G: yes U:	USAI, Paolino						
	<i>history (event, available, version, comments):</i>								
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-31 16/02/2000 7 . 1 . 0	get it	<i>remarks - this release:</i>	#29: 7.0.0 #31:7.1.0					
<hr/>									
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2								
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new					
		G: yes U:	POPE, Maurice	One					
	<i>history (event, available, version, comments):</i>								
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>	2001-09-03: S3 secretary reports that this spec is not mature enough for official					
			<i>remarks - this release:</i>	publication. Work continues in 43.031. SP-18: in fact, in 23.031.					

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TS 03.32	Universal Geographical Area Description (GAD)					
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): S2 / - G: yes U:	rapporteur: SULTAN, Alain MCC: YOON, Sang-Ui	SOURCE COM		
history (event, available, version, comments):						
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	SP-08 23/06/2000 7 . 1 . 0	get it	remarks - this release:			
	SP-18 09/01/2003 7 . 2 . 0	get it				
TS 03.33	Lawful Interception; Stage 2					
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): S3 / - G: yes U:	rapporteur: MCKIBBEN, Bernie MCC: POPE, Maurice	MOTOROLA GmbH		
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: #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				
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N1 / - G: yes U:	rapporteur: KOKKOLA, Tommi MCC: JORGENSEN, Per Johan	NOKIA Corporation		
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 03.35	Immediate Service Termination (IST); Stage 2					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S3 / - G: yes U:	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One		
history (event, available, version, comments):						
	smg-27 16/10/1998 7 . 0 . 0	get it	remarks - general:			
	ETSI publication 30/10/2001 7 . 0 . 1	get it	remarks - this release:			
TS 03.38	Alphabets and language-specific information					
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): T2 / - G: yes U:	rapporteur: HARRIS, Ian MCC: RODERMUND, Friedhelm	Teleca Limited		
history (event, available, version, comments):						
	smg-26 26/06/1998 7 . 0 . 0	get it	remarks - general:			
	smg-28 12/02/1999 7 . 1 . 0	get it	remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0			
	smg-29 25/06/1999 7 . 2 . 0	get it				

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TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)						
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-27 16/10/1998 7 . 1 . 0	get it	<i>remarks - this release:</i>				
	smg-29 25/06/1999 7 . 2 . 0	get it					
	TP-05 08/10/1999 7 . 3 . 0	get it					
	TP-06 15/12/1999 7 . 4 . 0	get it					
	TP-14 11/01/2002 7 . 5 . 0	get it					
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TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)						
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>				
	TP-06 15/12/1999 7 . 2 . 0	get it					
	TP-07 15/03/2000 7 . 3 . 0	get it					
	TP-09 19/10/2000 7 . 4 . 0	get it					
<hr/>							
TS 03.42	SMS Compression						
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release: #26: 7.0.0 #28: 7.1.0</i>				
	smg-29 25/06/1999 7 . 1 . 1	get it					
<hr/>							
TR 03.43	Support of Videotex						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release: #29: 7.0.0</i>				

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> SP-08	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, FriedhelmVodafone D2 GmbH			
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
		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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat			
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
		get it	<i>remarks - general:</i> <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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat			
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
		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>freeze_meeting:</i> SP-08	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, FriedhelmVodafone D2 GmbH			
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel MOTOROLA Ltd			
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	G: yes U:	<i>MCC:</i> DIETZE, Claus			
		get it	<i>remarks - general:</i> SMG9->T3@#31			
		get it	<i>remarks - this release:</i>			

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R98	current version: 7.0.0 freeze_meeting: SP-08	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: RODERMUND, Friedhelm		
		get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-32 20/06/2000 7 . 1 . 0 ETSI publication 28/11/2000 7 . 1 . 1	G: yes U:	MCC: USAI, Paolino		
		get it	remarks - general:		
		get it	remarks - this release: #29: 7.0.0 #32: 7.1.0		
		get it			
		get it			
<hr/>					
TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis	ALCATEL S.A.	
	history (event, available, version, comments): smg-28 12/02/1999 7 . 0 . 0 ETSI PE 26/05/1999 7 . 0 . 1 smg-29 25/06/1999 7 . 1 . 0 ETSI publication 05/09/2000 7 . 1 . 1	G: yes U:	MCC: USAI, Paolino		
		get it	remarks - general:		
		get it	remarks - this release: #28: 7.0.0 #29: 7.1.0		
		get it			
		get it			
<hr/>					
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): S4 / NP / S2	rapporteur: FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	history (event, available, version, comments): smg-25 20/03/1998 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	G: yes U:	MCC: USAI, Paolino		
		get it	remarks - general: Mar00: prime responsibility txfrd to SMG11		
		get it	remarks - this release: #25: 7.0.0		

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

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ACTIVE specs R98 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N3 / - G: yes U:	rapporteur: BOSWARTHICK, David MCC: BOSWARTHICK, David	ETSI Secretariat	
history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0					
get it remarks - general: remarks - this release: #29: 7.0.0					
<hr/>					
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): S2 / - G: yes U:	rapporteur: ROBERTS, Martin MCC: YOON, Sang-Ui	Nortel	
history (event, available, version, comments): smg-28 12/02/1999 7 . 0 . 0 ETSI PE 26/05/1999 7 . 0 . 1 smg-29 25/06/1999 7 . 1 . 0 ETSI publication 05/09/2000 7 . 1 . 1					
get it remarks - general: get it remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0 get it get it					
<hr/>					
TS 03.57	Mobile Station Application Execution Environment (MExE); Functional description; Stage 2				
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): T2 / - G: yes U:	rapporteur: BRENK, Lars MCC: RODERMUND, Friedhelm	TTPCom Ltd	
history (event, available, version, comments): smg-29 25/06/1999 7 . 0 . 0 TP-06 15/12/1999 7 . 1 . 0 TP-07 15/03/2000 7 . 2 . 0					
get it remarks - general: get it remarks - this release: #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0 get it					
<hr/>					
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S4 / - G: yes U:	rapporteur: MONFORT, Jean-Yves MCC: USAI, Paolino	France Telecom	
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 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	<i>remarks - general:</i>
smg-29	25/06/1999	7	.	1	.	0	get it	<i>remarks - this release:</i>
ETSI publication	20/01/2000	7	.	1	.	1	get it	
SP-05	08/10/1999	7	.	2	.	0	get it	
SP-06	15/12/1999	7	.	3	.	0	get it	
ETSI publication	07/07/2000	7	.	3	.	1	get it	
SP-07	15/03/2000	7	.	4	.	0	get it	
ETSI publication	22/09/2000	7	.	4	.	1	get it	
SP-09	01/02/2001	7	.	5	.	0	get it	
SP-11	19/04/2001	7	.	6	.	0	get it	
SP-12	29/06/2001	7	.	7	.	0	get it	
SP-14	08/01/2002	7	.	8	.	0	get it	
edito		7	.	8	.	1		
SP-17	02/10/2002	7	.	9	.	0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-31	16/02/2000	7	.	0	.	0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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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	<i>remarks - general:</i>
smg-30	11/11/1999	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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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:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.) TSG#7: 7.3.0		
	NP-05 08/10/1999 7 . 2 . 0	get it			
	NP-07 15/03/2000 7 . 3 . 0	get it			
	ETSI publication 10/10/2000 7 . 3 . 1	get it			
<hr/>					
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	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>		
	NP-07 17/03/2000 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-10 21/12/2000 7 . 2 . 0	get it			
<hr/>					
TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	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>		
	NP-07 15/12/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0		
	NP-09 12/10/2000 7 . 2 . 0	get it			
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i> smg-29	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>		
	NP-07 15/03/2000 7 . 1 . 0	get it	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0		
	NP-09 12/10/2000 7 . 2 . 0	get it			

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ACTIVE specs R98 03 .- series
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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

TS 03.71 Location Services (LCS); Functional description; Stage 2

R98 *current version:* 7.10.0
freeze_meeting: smg-29
history (event, available, version, comments):
smg-28 12/02/1999 1 . 0 . 0
smg-29 25/06/1999 7 . 0 . 0
SA2-06 30/07/1999 7 . 2 . 0
edito 29/12/1999 7 . 2 . 1
smg-31 16/02/2000 7 . 3 . 0
smg-31 bis 17/04/2000 7 . 4 . 0
SP-11 11/04/2001 7 . 5 . 0
SP-12 29/06/2001 7 . 6 . 0
SP-13 15/10/2001 7 . 7 . 0
SP-14 07/01/2002 7 . 8 . 0
SP-15 02/04/2002 7 . 9 . 0
SP-16 17/06/2002 7 . 10 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

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

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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 *freeze_meeting:* smg-29
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		

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

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version:* 7.8.1 *freeze_meeting:* smg-29
history (event, available, version, 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		

WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
G: yes U: *MCC:* JURISIC, Andrijana

TS 03.79 Support of Optimal Routing phase 1; Stage 2

R98 *current version:* 7.3.0 *freeze_meeting:* smg-29
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		

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: *MCC:* Chalmers KYMALAINEN, Kimmo

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ACTIVE specs R98 03 .- series
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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	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: #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	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: #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	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: #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	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: #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	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>		

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

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TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - general:</i> <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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1 ETSI publication 17/12/1999 7 . 0 . 2	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0		
<hr/>					
TS 03.88	Call Barring (CB) supplementary services; Stage 2				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> CHOTAI, Sunil <i>MCC:</i> KYMALAINEN, Kimmo		mmO2 plc
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<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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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	<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 03.96	Name Identification 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 03.97	Multiple subscriber Profile (MSP); Stage 2					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc		
	<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 . 1 . 0	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29	G: yes U:	Skov			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> JORGENSEN, Per Johan			
	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 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	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>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		
<hr/>					
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>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> <i>remarks - this release:</i>		
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
		<i>G:</i> yes <i>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> <i>remarks - this release:</i>		
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R98	<i>current version:</i> 7.1.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i> 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	get it get it get it 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 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	
ETSI publication	14/12/1999	7	.	0	.	1	get it <i>remarks - general:</i>
smg-31	16/02/2000	7	.	1	.	0	get it <i>remarks - this release:</i>
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	
smg-29	25/06/1999	7	.	1	.	0	get it <i>remarks - general:</i>
NP-05	08/10/1999	7	.	2	.	0	get it <i>remarks - this release:</i>
NP-06	15/12/1999	7	.	3	.	0	get it

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

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ACTIVE specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.19.0
freeze_meeting: smg-29

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
edito	15/07/1999	7	.	1	.	1
ETSI OAP	11/08/1999	7	.	1	.	2
ETSI publication	29/12/1999	7	.	1	.	3
NP-05	08/10/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
NP-06	15/12/1999	7	.	4	.	0
ETSI publication	20/09/2000	7	.	4	.	2
smg-31	16/02/2000	7	.	5	.	0
edito	20/02/2000	7	.	5	.	1
NP-07	15/03/2000	7	.	6	.	0
ETSI publicaton	05/10/2000	7	.	6	.	1
smg-31 bis	17/04/2000	7	.	7	.	0
smg-32	28/06/2000	7	.	8	.	0
GP-01/NP-09	12/10/2000	7	.	9	.	0
edito	02/11/2000	7	.	9	.	1
NP-10	02/01/2001	7	.	10	.	0
GP-04	11/04/2001	7	.	11	.	0
GP-05	18/06/2001	7	.	12	.	0
NP-12	13/07/2001	7	.	13	.	0
GP-06	14/09/2001	7	.	14	.	0
GP-07	04/01/2002	7	.	15	.	0
NP-14	07/01/2002	7	.	16	.	0
GP-08	19/02/2002	7	.	17	.	0
NP-17	17/09/2002	7	.	18	.	0
NP-18	18/12/2002	7	.	19	.	0

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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 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 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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 . 0 . 1	get it		<i>remarks - this release:</i>	
	NP-14 10/01/2002 7 . 1 . 0	get it			
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
		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-09 12/10/2000 7 . 1 . 0	get it		<i>remarks - this release:</i>	
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>	
	ETSI publication 12/01/2000 7 . 0 . 1	get it		<i>remarks - this release:</i> #29: 7.0.0	
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
		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>	
	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 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions					
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 7 . 2 . 0	get it				
	GP-10 19/07/2002 7 . 3 . 0	get it				

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 7 . 0 . 1		<i>remarks - this release:</i> #27: 7.0.0 TSG#8:7.1.0			
	smg-29 25/06/1999 7 . 0 . 2	get it				
	ETSI publication 14/12/1999 7 . 0 . 3	get it				
	NP-08 21/06/2000 7 . 1 . 0	get it				

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services 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	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 15/12/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #28: 7.0.0 TSG#6: 7.1.0			

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	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-30 bis 06/12/1999 7 . 0 . 1	get it	<i>remarks - general:</i> Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3 and			
	smg-31 16/02/2000 7 . 1 . 0	get it	<i>remarks - this release:</i> the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.			
	SP-08 21/06/2000 7 . 2 . 0	get it				
	NP-14 10/01/2002 7 . 3 . 0	get it				

G = required in systems with GERAN 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 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R98	<i>current version:</i> 7.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30	1 . 0 . 0		<i>remarks - general:</i>	
	smg-30 bis	06/12/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>	
	smg-31	16/02/2000 7 . 1 . 0	get it		
	smg-31 bis	17/04/2000 7 . 2 . 0	get it		
	GP-02	30/11/2000 7 . 3 . 0	get it		
	GP-03	31/01/2001 7 . 4 . 0	get it		
	edito	31/01/2001 7 . 4 . 1	get it		
	GP-04	04/05/2001 7 . 5 . 0	get it		
	GP-05	18/06/2001 7 . 6 . 0	get it		
	GP-06	14/09/2001 7 . 7 . 0	get it		
	GP-07	08/01/2002 7 . 8 . 0	get it		
	GP-08	19/02/2002 7 . 9 . 0	get it		
	GP-09	02/05/2002 7 . 10 . 0	get it		
	GP-10	19/07/2002 7 . 11 . 0	get it		
<hr/>					
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	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-30 bis	06/12/1999 7 . 0 . 1	get it	<i>remarks - general:</i>	
	smg-31 bis	17/04/2000 7 . 1 . 0	get it	<i>remarks - this release:</i>	
	GP-01	11/10/2000 7 . 2 . 0	get it		
	GP-03	31/01/2001 7 . 3 . 0	get it		
	GP-07	08/01/2002 7 . 4 . 0	get it		
<hr/>					
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	G: yes U:	<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 <i>remarks - general:</i>
ETSI PE	26/05/1999	7	.	0	.	1	get it <i>remarks - this release: #28: 7.0.0</i>
ETSI Vote	22/05/2000	7	.	0	.	2	get it
ETSI publication	05/09/2000	7	.	0	.	3	get it

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R98 *current version:* 7.10.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: smg-29 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0	get it <i>remarks - general:</i>
smg-30	11/11/1999	7	.	1	.	0	get it <i>remarks - this release:</i>
smg-30 bis	06/12/1999	7	.	2	.	0	get it
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 <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 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification						
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-06 15/12/1999 7 . 2 . 0	get it					
	smg-31 16/02/2000 7 . 3 . 0	get it					
	NP-10 02/01/2001 7 . 4 . 0	get it					
	NP-14 04/01/2002 7 . 5 . 0	get it					

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)						
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.			
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>				
	post SP-06 15/12/1999 7 . 2 . 0	get it					
	smg-31 16/02/2000 7 . 3 . 0	get it					

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3						
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>	#29: 7.0.0			

TS 04.68	Group Call Control (GCC) Protocol						
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i>						
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-07 15/03/2000 7 . 2 . 0	get it					

G = required in systems with GERAN 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 04.69	Broadcast Call Control (BCC) protocol					
R98	current version: 7.2.0 freeze_meeting: smg-29	WG (prime / other): N1 / - G: yes U:	rapporteur: GARAPATY, Sonia MCC: JORGENSEN, Per Johan	Nortel Networks (USA)		
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				
<hr/>						
TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification					
R98	current version: 7.5.0 freeze_meeting: smg-29	WG (prime / other): G2 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter MCC: THOMASEN, Gert	MOTOROLA A/S Skov		
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-30 bis 15/12/1999 7 . 1 . 1	get it				
	smg-32 28/06/2000 7 . 2 . 0	get it				
	GP-05 18/06/2001 7 . 3 . 0	get it				
	GP-07 08/01/2002 7 . 4 . 0	get it				
	GP-10 22/07/2002 7 . 5 . 0	get it				
<hr/>						
TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
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		
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software		
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				

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 *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:*
Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
<to be defined> 14/12/1999 7 . 0 . 2 [get it](#) *remarks - this release: #28: 7.0.0*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
Publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release: #29: 7.0.0*

TS 04.84 Multi Party (MPPTY) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, 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 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	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3				
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 16/12/1999 7 . 0 . 2	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0		
<hr/>					
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<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 04.90	Unstructured Supplementary Service Data (USSD)				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo <i>MCC:</i> KYMALAINEN, Kimmo		TeliaSonera AB
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1	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 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 access; 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* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
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	
smg-30 bis	06/12/1999	7	.	3	.	0	get it	
ETSI publication	17/07/2000	7	.	3	.	1	get it	
smg-31	16/02/2000	7	.	4	.	0	get it	
ETSI publication	29/09/2000	7	.	4	.	1	get it	
smg-31 bis	17/04/2000	7	.	5	.	0	get it	
ETSI publication	17/10/2000	7	.	5	.	1	get it	
GP-02	24/11/2000	7	.	6	.	0	get it	
edito	30/11/2000	7	.	6	.	1	get it	
edito	20/04/2001	7	.	6	.	2	get it	
GP-06	01/10/2001	7	.	7	.	0	get it	

TS 05.03 Channel coding

R98 *current version: 7.3.1* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
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: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0</i>
smg-30	11/11/1999	7	.	2	.	0	get it	
smg-31	16/02/1999	7	.	3	.	0	get it	
ETSI publication	17/02/2001	7	.	3	.	1	get it	

TS 05.04 Modulation

R98 *current version: 7.3.0* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0	get it	<i>remarks - general:</i>
ETSI publication	20/06/2000	7	.	0	.	1	get it	<i>remarks - this release:</i>
smg-30 bis	06/12/1999	7	.	1	.	0	get it	
ETSI publication	20/06/2000	7	.	1	.	1	get it	
GP-03	15/02/2001	7	.	2	.	0	get it	
GP-05	29/06/2001	7	.	3	.	0	get it	

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

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ACTIVE specs R98 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

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
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
ETSI publication	14/12/1999	7	.	1	.	1
smg-30	11/11/1999	7	.	2	.	0
smg-31	16/02/2000	7	.	3	.	0
ETSI publication	15/10/2000	7	.	3	.	1
smg-31 bis	17/04/2000	7	.	4	.	0
GP-01	10/10/2000	7	.	5	.	0
GP-06	01/10/2001	7	.	6	.	0
GP-09	06/05/2002	7	.	7	.	0
GP-10	19/07/2002	7	.	8	.	0
GP-11	19/09/2002	7	.	9	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*
freeze_meeting: smg-29

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: *MCC:* USAI, Paolino VODAFONE Group Plc

history (event, available, version, comments):

smg-25		7	.	0	.	0
smg-29		7	.	1	.	0
smg-30		7	.	2	.	0
smg-30b		7	.	3	.	0
ETSI publication		7	.	3	.	1
smg-31 bis	17/04/2000	7	.	4	.	0
ETSI publication		7	.	4	.	1
GP-01	10/10/2000	7	.	5	.	0
GP-02	24/11/2000	7	.	6	.	0
edito	30/11/2000	7	.	6	.	1
GP-06	01/10/2001	7	.	7	.	0

remarks - general:
remarks - this release:
[get it](#)
[get it](#)
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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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
		G: yes U:	MCC:	Skov 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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
		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-31 bis 17/04/2000 7 . 3 . 0	get it				
	ETSI publication 17/10/2000 7 . 3 . 1	get it				
	GP-02 24/11/2000 7 . 4 . 0	get it				

TS 05.14	Release independent frequency bands; Implementation guidelines					
R98	<i>current version:</i> 7.2.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti	NOKIA Corporation		
		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	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: VAN BUSSEL, Han MCC: USAI, Paolino	T-MOBILE DEUTSCHLAND	
history (event, available, version, comments): Upgrade to 30/03/2000 7 . 0 . 0 Release 98					
get it remarks - general: remarks - this release: .					
<hr/>					
TR 05.50	Background for RF Requirements				
R98	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: ANDERSEN, Niels Peter Skov MCC: USAI, Paolino	MOTOROLA A/S	
history (event, available, version, comments): smg-26 26/06/1998 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 smg-30 11/11/1999 7 . 2 . 0 smg-31 16/02/2000 7 . 3 . 0 smg-31 bis 17/04/2000 7 . 4 . 0					
get it remarks - general: get it remarks - this release: #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0 get it get it					
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	current version: 7.1.1 freeze_meeting: smg-29	WG (prime / other): G1 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	Telecom Italia Lab S.p.A.	
history (event, available, version, comments): smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 1 . 0 ETSI Publication 05/09/2000 7 . 1 . 1					
get it remarks - general: get it remarks - this release: get it					
<hr/>					
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R98	current version: 7.0.0 freeze_meeting: SP-11	WG (prime / other): G1 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino	Telecom Italia Lab S.p.A.	
history (event, available, version, comments): upgrade to R98 10/04/2001 7 . 0 . 0					
get it remarks - general: remarks - this release: 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.					

R98 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 14/12/1999 7 . 0 . 2	get it	<i>remarks - this release: #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	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<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 OAP 28/07/1999 7 . 0 . 1				get it	<i>remarks - this release:</i>
	ETSI publication 14/12/1999 7 . 0 . 2				get it	
	inclusion of zip files 29/03/2000 7 . 0 . 3				get it	
	inclusion of doc file 31/05/2000 7 . 0 . 4				get it	
	(!)					
	smg-32 20/06/2000 7 . 1 . 0				get it	
	SP-12 29/06/2001 7 . 2 . 0				get it	
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-29	<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 29/12/1999 7 . 0 . 1				get it	<i>remarks - this release: #29: 7.0.0</i>
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	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>
	ETSI Publication 12/01/2000 7 . 0 . 1				get it	<i>remarks - this release: #29: 7.0.0</i>
	SP-12 29/06/2001 7 . 1 . 0				get it	
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
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 17/01/2000 7 . 0 . 1				get it	<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 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 17/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 13/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
		<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
		<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
		<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
		<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino		T-MOBILE DEUTSCHLAND
	<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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 13/12/1999 7 . 0 . 2		get it <i>remarks - general:</i> 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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1		get it <i>remarks - general:</i> 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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 ETSI Publication 12/01/2000 7 . 0 . 1		get it <i>remarks - general:</i> 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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>history (event, available, version, comments):</i> smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 16/12/1999 7 . 0 . 2		get it <i>remarks - general:</i> SMG11->S4 at SMG#30 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 Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-28	12/02/1999	7	.	0	.	0	get it	<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	04/02/2000	7	.	0	.	1	get it		
vectors									
corrected test	14/09/2000	7	.	0	.	2	get it		
vectors									
ETSI publication	05/10/2000	7	.	0	.	3	get it		
SP-11	10/04/2001	7	.	1	.	0	get it		
corrected tests	04/07/2001	7	.	1	.	1	get it		
SP-15	28/03/2002	7	.	2	.	0	get it		
SP-16	28/06/2002	7	.	3	.	0	get it		

TR 06.75 Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec

R98 *current version:* 7.2.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-29	25/06/1999	1	.	0	.	0	get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30
smg-30	11/11/1999	7	.	0	.	0	get it	<i>remarks - this release:</i>	SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0
SP-06	17/12/1999	7	.	1	.	0	get it		
SP-07	17/03/2000	7	.	2	.	0	get it		

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<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 15/01/2002 7 . 0 . 2		get it			
	figures					
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<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			
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation
	<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/>						
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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>		<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		#29: 7.0.0

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ACTIVE specs R98 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.90	Adaptive Multi-Rate speech transcoding					
R98	current version: 7.2.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	SMG11->S4 at SMG#30
	smg-29 25/06/1999 7 . 1 . 0			get it	remarks - this release:	#28: 7.0.0 #29: 7.1.0 #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 Lab S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	SMG11->S4 at SMG#30
	smg-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 Lab S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	SMG11->S4 at SMG#30
	smg-29 25/06/1999 7 . 1 . 0			get it	remarks - this release:	#28: 7.0.0 #29: 7.1.0
	ETSI Publication 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 Lab S.p.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	SMG11->S4 at SMG#30
	smg-29 25/06/1999 7 . 1 . 0			get it	remarks - this release:	#28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0
	smg-30 11/11/1999 7 . 2 . 0			get it		
	SP-06 17/12/1999 7 . 3 . 0			get it		
	ETSI publication 21/03/2001 7 . 3 . 1			get it		
	SP-08 28/06/2000 7 . 4 . 0			get it		
	ETSI publication 30/11/2000 7 . 4 . 1			get it		
	SP-10 21/12/2000 7 . 5 . 0			get it		

G = required in systems with GERAN acces; U = required in systems with UMTS 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 Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC: USAI, Paolino*
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0*
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

R98 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R98 *current version: 7.1.1* *WG (prime / other): N3 / -* *rapporteur: HUSLENDE, Ragnar* Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC: BOSWARTHICK, David*
history (event, available, version, comments):
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R98 *current version: 7.0.1* *WG (prime / other): N3 / -* *rapporteur: HUSLENDE, Ragnar* Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC: BOSWARTHICK, David*
history (event, available, version, comments):
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release: #27: 7.0.0*

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R98 *current version: 7.0.0* *WG (prime / other): N3 / -* *rapporteur: HUSLENDE, Ragnar* Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC: BOSWARTHICK, David*
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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 Teleca Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version:* 7.7.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-08 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 7 . 2 . 0 [get it](#)
smg-29 25/06/1999 7 . 3 . 0 [get it](#)
TP-05 13/10/1999 7 . 4 . 0 [get it](#)
TP-06 15/12/1999 7 . 5 . 0 [get it](#)
TP-11 06/04/2001 7 . 6 . 0 [get it](#)
TP-14 11/01/2002 7 . 7 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R98 *current version:* 7.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98 *current version:* 7.2.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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

R98 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R98 *current version: 7.0.0* *freeze_meeting: smg-29* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov*
G: yes U: *MCC: THOMASEN, Gert*

history (event, available, version, comments):
smg-29 25/06/1999 7 . 0 . 0

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

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R98 *current version: 7.0.0* *freeze_meeting: smg-29* *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 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* *freeze_meeting: smg-29* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov*
G: yes U: *MCC: THOMASEN, Gert*

history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0
ETSI Publication 17/08/1999 7 . 0 . 1

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

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

R98 *current version: 7.0.1* *freeze_meeting: smg-29* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels Peter MOTOROLA A/S Skov*
G: yes U: *MCC: THOMASEN, Gert*

history (event, available, version, comments):
smg-28 12/02/1999 7 . 0 . 0
ETSI Publication 17/08/1999 7 . 0 . 1

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

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R98	<i>current version:</i> 7.7.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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-30 bis 06/12/1999 7 . 4 . 0	get it			
	smg-31 bis 17/04/2000 7 . 5 . 0	get it			
	smg-31 16/02/2000 7 . 5 . 0	get it			
	smg-32 20/06/2000 7 . 6 . 0	get it			
	edito 14/09/2000 7 . 6 . 1	get it			
	GP-01 11/10/2000 7 . 7 . 0	get it			

TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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>		

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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:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-31 16/02/2000 7 . 3 . 0	get it				
ETSI publication	26/05/2000 7 . 3 . 1	get it				
GP-03	31/01/2001 7 . 4 . 0	get it				
GP-05	18/06/2001 7 . 5 . 0	get it				

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-11 04/04/2001 7 . 1 . 0	get it				

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:	Skov			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-30 1 . 0 . 0		<i>remarks - general:</i>			
	smg-30 bis 06/12/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			
	GP-05 18/06/2001 7 . 1 . 0	get it				

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:	Skov			
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		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>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i> 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 16/02/2000 7 . 4 . 0 ETSI Publication 26/05/2000 7 . 4 . 1	get it get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0		

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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		
		G: yes U:	MCC:	USAI, Paolino	
<i>history (event, available, version, comments):</i>					
	smg-29 25/06/2000	7 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-30 bis 06/12/1999	7 . 2 . 0	get it		
	ETSI publication 07/09/2000	7 . 2 . 1	get it		
	GP-08 19/02/2002	7 . 3 . 0	get it		

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Skov		
		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>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-30 bis 06/12/1999	7 . 2 . 0	get it		
	Edito 15/12/1999	7 . 2 . 1	get it		
	GP-08 19/02/2002	7 . 3 . 0	get it		

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	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>	SMG11->S4 at SMG#30
	SP-07 15/03/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	#28: 7.0.0 TSG#7: 7.1.0
	edito 09/08/2000	7 . 1 . 1	get it		

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ACTIVE specs R98 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3

R98 *current version:* 7.6.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert
Skov

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0
smg-30 bis	06/12/1999	7	.	1	.	0
edito	31/12/1999	7	.	1	.	1
smg-31	16/02/2000	7	.	2	.	0
smg-31 bis	17/04/2000	7	.	3	.	0
GP-02	30/11/2000	7	.	4	.	0
GP-06	14/09/2001	7	.	5	.	0
GP-07	08/01/2002	7	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) *remarks - general:*
remarks - this release:

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

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02	Mobile Application Part (MAP) Specification						
R98	<i>current version:</i> 7.12.0		<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-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)			
	smg-29 25/06/1999 7 . 1 . 0		get it	<i>remarks - this release:</i>			
	NP-05 08/10/1999 7 . 2 . 0		get it				
	NP-06 13/12/1999 7 . 3 . 0		get it				
	NP-07 15/03/2000 7 . 4 . 0		get it				
	NP-08 21/06/2000 7 . 5 . 0		get it				
	edito 04/09/2000 7 . 5 . 1		get it				
	NP-09 08/11/2000 7 . 6 . 0		get it				
	NP-10 21/12/2000 7 . 7 . 0		get it				
	NP-11 06/04/2001 7 . 8 . 0		get it				
	NP-12 06/07/2001 7 . 9 . 0		get it				
	NP-14 18/01/2002 7 . 10 . 0		get it				
	NP-15 04/04/2002 7 . 11 . 0		get it				
	NP-18 08/01/2003 7 . 12 . 0		get it				
<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						
R98	<i>current version:</i> Network (PLMN)	7.0.0	<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-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 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)						
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<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			

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 09.05	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>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-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>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-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".						
			<i>remarks - this release:</i> #29: 7.0.0						
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TS 09.07	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>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-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>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>						
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0						
	NP-06 13/12/1999 7 . 2 . 0	get it							

G = required in systems with GERAN acces; U = required in systems with UMTS 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)	<i>7.2.0WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo	
TeliaSonera AB							
	<i>freeze_meeting:</i> smg-29	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>							
	smg-29 25/06/1999 7 . 0 . 0				get it	<i>remarks - general:</i>	
	NP-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		
<hr/>							
TS 09.11	Signalling Interworking for Supplementary Services						
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</i>	<i>U:</i>	<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version, comments):</i>							
	smg-28 12/02/1999 7 . 0 . 0				get it	<i>remarks - general:</i>	
	ETSI Publication 12/03/1999 7 . 0 . 1				get it	<i>remarks - this release:</i> #28: 7.0.0	
<hr/>							
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols						
R98	<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</i>	<i>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>	
<hr/>							
TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling						
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i>	SPAN / N4		<i>rapporteur:</i>	SPORTON, Simon VODAFONE Group Plc	
<i>freeze_meeting:</i> smg-29		<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>			
<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)	
<hr/>							
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	<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	MILLS, Duncan VODAFONE Group Plc	
<i>freeze_meeting:</i> smg-29		<i>G: yes</i>	<i>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 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	<i>current version:</i> 7.5.0 <i>freeze_meeting:</i> smg-29
	<i>WG (prime / other):</i> N1 / - <i>G: yes U:</i>
	<i>rapporteur:</i> MILLS, Duncan VODAFONE Group Plc <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>
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	<i>current version:</i> 7.7.0 <i>freeze_meeting:</i> smg-29
	<i>WG (prime / other):</i> G2 / - <i>G: yes U:</i>
	<i>rapporteur:</i> ANDERSEN, Niels Peter MOTOROLA A/S Skov <i>MCC:</i> THOMASEN, Gert
<i>history (event, available, version, comments):</i>	
smg-30 bis	06/12/1999 7 . 0 . 0 get it <i>remarks - general:</i>
smg-31	16/02/2000 7 . 1 . 0 get it <i>remarks - this release:</i>
smg-31b	17/04/2000 7 . 2 . 0 get it
smg-32	28/06/2000 7 . 3 . 0 get it
GP-01	11/10/2000 7 . 4 . 0 get it
ETSI publication	7 . 4 . 1 ETSI format only. Not for 3GPP use.
GP-06	18/09/2001 7 . 5 . 0 get it
GP-07	08/01/2002 7 . 6 . 0 get it
GP-10	19/07/2002 7 . 7 . 0 get it

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP across the Gn and Gp Interface

R98 *current version:* 7.10.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
smg-29	25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>
NP-05	08/10/1999	7 . 2 . 0	get it	
NP-06	15/12/1999	7 . 3 . 0	get it	
NP-07	15/03/2000	7 . 4 . 0	get it	
NP-08	21/06/2000	7 . 5 . 0	get it	
NP-09	31/10/2000	7 . 6 . 0	get it	
NP-11	02/04/2001	7 . 7 . 0	get it	
edito	04/07/2001	7 . 7 . 1	get it	prob with figures. Expect an update.
make figures visible	09/08/2001	7 . 7 . 2	get it	
NP-13	03/10/2001	7 . 8 . 0	get it	
NP-16	21/06/2002	7 . 9 . 0	get it	
NP-18	07/01/2003	7 . 10 . 0	get it	

TS 09.61 General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)

R98 *current version:* 7.8.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-28	12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>
smg-29	25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>
NP-06	15/12/1999	7 . 2 . 0	get it	
NP-11	04/04/2001	7 . 3 . 0	get it	
NP-13	12/10/2001	7 . 4 . 0	get it	
NP-14	14/01/2002	7 . 5 . 0	get it	
NP-15	20/03/2002	7 . 6 . 0	get it	
NP-16	02/07/2002	7 . 7 . 0	get it	
NP-18	09/01/2003	7 . 8 . 0	get it	

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

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ACTIVE specs R98 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.78	CAMEL Application Part phase 2 (stage 3)				
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> N2 / - G: yes U:	<i>rapporteur:</i> NOLDUS, Rogier <i>MCC:</i> JURISIC, Andrijana	Telefon AB LM Ericsson	
	<i>history (event, available, version, comments):</i> smg-29 25/06/1999 7 . 0 . 0 NP-08 21/06/2000 7 . 1 . 0	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-28	<i>WG (prime / other):</i> N1 / - G: yes U:	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> JORGENSEN, Per Johan	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> NP-16 26/06/2002 7 . 0 . 0 edito post NP-18 16/12/2002 7 . 0 . 1	get it 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.		minor editorials to change style from TS to TR.
<hr/>					
TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles				
R98	<i>current version:</i> 7.3.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G1 / - G: yes U:	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> USAI, Paolino	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> GP-04 20/04/2001 7 . 0 . 0 GP-07 04/01/2002 7 . 1 . 0 GP-08 19/02/2002 7 . 2 . 0 GP-12 03/01/2003 7 . 3 . 0	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
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		R98	10 .- series	Server location: http://www.3gpp.org/ftp/Specs/archive/10_series	
<hr/>					
TS 10.00	Digital Cellular Telecommunication System Feature Description				
R98	<i>current version:</i> 7.1.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S2 / - G: yes U:	<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> YOON, Sang-Ui	Deutsche Telekom AG	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 7 . 1 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 7D1.0		
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): S2 / - G: yes U:	rapporteur: GALLIGO, Michel MCC: YOON, Sang-Ui		ALCATEL S.A.	
<i>history (event, available, version, comments):</i>						
	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 freeze_meeting: smg-29	DRAFT WG (prime / other): S4 / - G: yes U:	rapporteur: VACANT, MCC: USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	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 freeze_meeting: smg-29	WG (prime / other): G5 / S1 / NP / T2 / SCP / G4 G: yes U:	rapporteur: SALMERON, Lidia MCC: SALMERON, Lidia		TELEPLUS LIMITED	
<i>history (event, available, version, comments):</i>						
	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:		
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.

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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

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[get it](#) *remarks - this release:*
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TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R98 *current version: 7.4.2* WG (prime / other): T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-11 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-10	11/01/2001	1	.	0	.	0
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

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[get it](#) *remarks - this release:*
[get it](#) 7.0.0. had wrong date on cover page /
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[get it](#) adds missing annex attachments
[get it](#) changes reference to withdrawn ETSI TS.

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

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ACTIVE specs R98 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface					
R98	<i>current version:</i> 7.7.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>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				
<hr/>						
TS 11.17	Subscriber Interface Module (SIM) test specification					
R98	<i>current version:</i> 7.0.2 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>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>			
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TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface					
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA MOBILE PHONES		
		<i>G:</i> yes <i>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:</i> #25: 1.0.0 #28: 7.0.0			
	ETSI Publication 17/08/1999 7 . 0 . 1	get it				
<hr/>						
TS 11.19	CTS SIM Fixed Part					
R98	<i>current version:</i> 7.0.3 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HUBBE, Pascal	ALCATEL S.A.		
		<i>G:</i> yes <i>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:</i> #28: 7.0.0			

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

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ACTIVE specs R98 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98 *current version:* 7.4.0 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 *G: yes U:* MCCI: USAI, Paolino

history (event, available, version, comments):

smg-28	12/02/1999	7	.	0	.	0		get it	<i>remarks - general:</i>
smg-29	25/06/1999	7	.	1	.	0		get it	<i>remarks - this release:</i>
smg-30	11/11/1999	7	.	2	.	0		get it	
ETSI Publication	09/05/2000	7	.	2	.	1		get it	
GP-12	03/01/2003	7	.	3	.	0		get it	
GP-13	21/02/2003	7	.	4	.	0		get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version:* 7.0.0 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 *G: yes U:* MCCI: USAI, Paolino

history (event, available, version, comments):

GP-09	06/05/2002	7	.	0	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.
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R98 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R98 *current version:* 7.0.1 *WG (prime / other):* S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 NP
G: yes U: MCCI: ZOICAS, Adrian

history (event, available, version, comments):

smg-28	12/02/1999	7	.	0	.	0		get it	<i>remarks - general:</i>
ETSI Publication	17/08/1999	7	.	0	.	1		get it	<i>remarks - this release:</i>

TS 12.04 Performance data measurements

R98 *current version:* 7.0.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 NP
G: yes U: MCCI: ZOICAS, Adrian

history (event, available, version, comments):

smg-30	11/11/1999	7	.	0	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R98 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<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>
<hr/>						
TS 12.15	General Packet Radio Service (GPRS); GPRS Charging					
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian			
	<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>
	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
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael	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>					
	GP-09 06/05/2002 7 . 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.

G = required in systems with GERAN access; 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 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1 *freeze_meeting:* smg-29
WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

draft	22/09/1999	0	.	0	.	1
draft	18/10/1999	0	.	0	.	2
draft	03/12/1999	0	.	0	.	3
draft	22/12/1999	0	.	0	.	4
draft	17/01/2000	0	.	0	.	5
draft	22/05/2000	2	.	0	.	0
draft	25/05/2000	2	.	0	.	1
SP-08	21/06/2000	7	.	0	.	0
ETSI Publication	30/11/2000	7	.	0	.	1

[get it](#)

remarks - general: TSG#11:S5 will no longer maintain.

[get it](#)

remarks - this release: Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

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R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.1 *freeze_meeting:* smg-26
WG (prime / other): S1 / GP / NP *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-27	12/01/2001	6	.	0	.	0
edito	16/01/2001	6	.	0	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

TR 01.04 Abbreviations and acronyms

R97 *current version:* 6.0.0 *freeze_meeting:* smg-26
WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-27	15/11/2000	6	.	0	.	0
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[get it](#)

remarks - general:

remarks - this release:

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

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ACTIVE specs R97 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: GRAETZ, Ingeborg MCC: CLAYTON, Michael	SIEMENS AG		
	history (event, available, version, comments): smg-27 01/12/2000 6 . 0 . 0 edito 16/01/2001 6 . 0 . 1		get it remarks - general: get it remarks - this release:			
<hr/>						
TR 01.60	GPRS requirements					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CLAYTON, Michael MCC: CLAYTON, Michael	EMCOM Ltd		
	history (event, available, version, comments): smg-25 20/03/1998 6 . 0 . 0		get it remarks - general: remarks - this release:			
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S3 / - G: yes U:	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc		
	history (event, available, version, comments): smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/03/1998 6 . 0 . 1		get it remarks - general: get it remarks - this release:			

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 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation		
	history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 26/06/1999 6 . 2 . 0		get it remarks - general: get it remarks - this release: get it			

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.1.1 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
	history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 Editorial correction 12/02/1999 6 . 1 . 1	get it get it get it	remarks - general: remarks - this release:			
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael		T-MOBILE DEUTSCHLAND	
	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 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael		Research In Motion Limited	
	history (event, available, version, comments): smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 1 . 1	get it get it get it	remarks - general: remarks - this release:			
TS 02.06	Types of Mobile Stations (MS)					
R97	current version: 6.1.1 freeze_meeting: smg-26	WG (prime / other): S1 / - G: yes U:	rapporteur: JEAL, David MCC: CLAYTON, Michael		VODAFONE Group Plc	
	history (event, available, version, comments): smg-27 16/10/1999 6 . 0 . 0 ETSI publication 26/05/1999 6 . 0 . 1 smg-28 12/02/1999 6 . 1 . 0 ETSI publication 04/08/1999 6 . 1 . 1	get it get it get it get it	remarks - general: remarks - this release:			

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<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 20/06/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-07 17/03/2000 6 . 2 . 0	get it				
<hr/>						
TS 02.09	Security aspects					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,	Telia Promotor AB		
	<i>freeze_meeting:</i> smg-26	G: yes U:	NP	Per		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> POPE, Maurice			
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 26/05/1999 6 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-31 16/02/2000 6 . 1 . 0	get it				
	ETSI publication 29/08/2000 6 . 1 . 1	get it				
<hr/>						
TS 02.11	Service Accessibility					
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-26 26/06/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-11 02/04/2001 6 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
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	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>			
	smg-30 11/11/1999 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-08 28/06/2000 6 . 2 . 0	get it				

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / S1 <i>G: yes U:</i>	<i>rapporteur:</i> HOOKER, Philip <i>MCC:</i> DIETZE, Claus		ORANGE PCS LTD	
	<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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> DURAND, Romain <i>MCC:</i> CLAYTON, Michael		ALCATEL S.A.	
	<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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> DWYER, Paul <i>MCC:</i> CLAYTON, Michael		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 6 . 0 . 0 Editorial correction 16/11/1998 6 . 0 . 1		get it get it	<i>remarks - general:</i> <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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> JEAL, David <i>MCC:</i> CLAYTON, Michael		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i> smg-25 20/03/1998 6 . 0 . 0 edito 26/06/1998 6 . 0 . 1 smg-28 12/02/1999 6 . 1 . 0		get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / <i>G: yes U:</i>	<i>rapporteur:</i> KOKKOLA, Tommi <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>		

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 6 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,		BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 6 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les		Union Internationale des Chemins de Fer	
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 6 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel		MOTOROLA Ltd	
	<i>history (event, available, version, comments):</i> smg-25 20/03/1998 6 . 0 . 0	G: yes U:	<i>MCC:</i> DIETZE, Claus			
		get it	<i>remarks - general:</i> SMG9->T3@#31			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
			<i>remarks - general:</i> SMG11->S4 at SMG#30			
			<i>remarks - this release:</i> No spec this Release			

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0	get it <i>remarks - general:</i>
smg-26	26/06/1998	6	.	1	.	0	get it <i>remarks - this release:</i> #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 <i>remarks - general:</i>
							<i>remarks - this release:</i>

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 <i>remarks - general:</i>
ETSI publication	01/09/1999	6	.	0	.	1	get it <i>remarks - this release:</i>
smg-29	25/06/1999	6	.	1	.	0	get it
Editorial correction	25/07/1999	6	.	1	.	1	get it

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-27	06/10/1998	6	.	0	.	0	get it <i>remarks - general:</i>
publish EN 300 925	01/09/1999	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

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: #27: 6.0.0</i>		
<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: #27: 6.0.0</i>		
<hr/>					
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	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: #27: 6.0.0</i>		

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 02.82	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: #27: 6.0.0</i>			
<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: #27: 6.0.0</i>			
<hr/>						
TS 02.84	MultiParty (MPTY) 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: #27: 6.0.0</i>			
<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: #27: 6.0.0</i>			
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			

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

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ACTIVE specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.88	Call Barring (CB) Supplementary Services; Stage 1				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael		T-MOBILE DEUTSCHLAND
	<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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> SLOTTE, Sverre <i>MCC:</i> CLAYTON, Michael		NOKIA Corporation
	<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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> POSTMANN, Erwin <i>MCC:</i> CLAYTON, Michael		SIEMENS AG
	<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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd
	<i>history (event, available, version, comments):</i> smg-25 20/03/1998 6 . 0 . 0 Editorial correction 20/04/1998 6 . 0 . 1		get it <i>remarks - general:</i> get it <i>remarks - this release:</i> #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1		
<hr/>					
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael		EMCOM Ltd
	<i>history (event, available, version, comments):</i> smg-27 15/10/1998 6 . 0 . 0		get it <i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0		

G = required in systems with GERAN 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 02.96 Name Identification Supplementary Services; Stage 1

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

TS 03.02 Network Architecture

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

G = required in systems with GERAN 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 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.7.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
smg-26	26/06/1998	6	.	1	.	0	get it	<i>remarks - this release:</i>
smg-28	12/02/1999	6	.	2	.	0	get it	
smg-29	25/06/1999	6	.	3	.	0	get it	
NP-05	14/10/1999	6	.	4	.	0	get it	
NP-07	17/03/2000	6	.	5	.	0	get it	
NP-08	28/06/2000	6	.	6	.	0	get it	
NP-16	26/06/2002	6	.	7	.	0	get it	SA did not approve companion CRs to 02.16.

TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-27	16/10/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release: #27: 6.0.0</i>

TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
smg-26	26/06/1998	6	.	1	.	0	get it	<i>remarks - this release:</i>
smg-29	25/06/1999	6	.	2	.	0	get it	

G = required in systems with GERAN 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: 6.5.0	WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	get it	remarks - this release:			
	smg-27 16/10/1998 6 . 2 . 0	get it				
	smg-28 12/02/1999 6 . 3 . 0	get it				
	NP-07 15/03/2000 6 . 4 . 0	get it				
	NP-09 31/10/2000 6 . 5 . 0	get it				
<hr/>						
TS 03.09	Handover Procedures					
R97	current version: 6.0.0	WG (prime / other): N1 / -	rapporteur: FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release: #27: 6.0.0			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R97	current version: 6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version, comments):					
	smg-27 18/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R97	current version: 6.0.1	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0			

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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	G: yes U:	<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 03.13	Discontinuous Reception (DRX) in the GSM System				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	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>		
			<i>remarks - this release: #27: 6.0.0</i>		
<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	G: yes U:	<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: #27: 6.0.0</i>		
<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	G: yes U:	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: #26: 6.0.0 SMG#29: 6.1.0</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 03.16 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](#)
[get it](#)

TS 03.20 Security-related Network Functions

R97 *current version:* 6.1.0
freeze_meeting: smg-26

WG (prime / other): S3 / NP / GP *rapporteur:* NGUYEN NGOC, France Telecom
G: yes U: *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 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 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, comments):	G: yes U:	MCC: USAI, Paolino			
	smg-26 26/06/1998 6 . 0 . 0	get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-28 12/02/1999 6 . 1 . 0	get it	remarks - this release:	group receive mode".		
	smg-29 26/06/1999 6 . 2 . 0	get it				
	SP-11 11/04/2001 6 . 3 . 0	get it				
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S		
	history (event, available, version, comments):	G: yes U:	MCC: USAI, Paolino			
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf USAI, Paolino	TeliaSonera AB		
	history (event, available, version, comments):	G: yes U:	MCC: USAI, Paolino			
	smg-26 26/06/1998 6 . 0 . 0	get it	remarks - general:			
	Editorial update 26/07/1998 6 . 0 . 1	get it	remarks - this release:	#26: 6.0.0		
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): S2 / -	rapporteur: SULTAN, Alain YOON, Sang-Ui	SOURCE COM		
	history (event, available, version, comments):	G: yes U:	MCC: YOON, Sang-Ui			
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N1 / -	rapporteur: KOKKOLA, Tommi JORGENSEN, Per Johan	NOKIA Corporation		
	history (event, available, version, comments):	G: yes U:	MCC: JORGENSEN, Per Johan			
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
			remarks - this release:	#27: 6.0.0		

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.38 Alphabets and language-specific information

R97 *current version:* 6.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release: #25: 6.0.0*

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R97 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release: #23: 6D1.0 #24: 6D2.0*
TP-14 11/01/2002 6 . 2 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R97 *current version:* 6.1.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*

TS 03.42 SMS Compression

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TR 03.43 Support of Videotex

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

G = required in systems with GERAN 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	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): T2 / -	rapporteur: RODERMUND, FriedhelmVodafone D2 GmbH				
	history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: RODERMUND, Friedhelm				
		get it	remarks - general: remarks - this release:				
<hr/>							
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent						
R97	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David ETSI Secretariat				
	history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0 Editorial correction 16/10/1998 6 . 0 . 1	G: yes U:	MCC: BOSWARTHICK, David				
		get it	remarks - general: remarks - this release:				
		get it	remarks - this release:				
<hr/>							
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent						
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David ETSI Secretariat				
	history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: BOSWARTHICK, David				
		get it	remarks - general: remarks - this release:				
<hr/>							
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)						
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): T2 / -	rapporteur: RODERMUND, FriedhelmVodafone D2 GmbH				
	history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: RODERMUND, Friedhelm				
		get it	remarks - general: remarks - this release:				
<hr/>							
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2						
R97	current version: 6.2.0 freeze_meeting: smg-26	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel MOTOROLA Ltd				
	history (event, available, version, comments): smg-25 20/03/1998 6 . 0 . 0 smg-26 26/06/1998 6 . 1 . 0 smg-28 12/02/1999 6 . 2 . 0	G: yes U:	MCC: DIETZE, Claus				
		get it	remarks - general: SMG9->T3@#31				
		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 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	current version: 6.1.0 freeze_meeting: smg-26	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	history (event, available, version, comments):	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	current version: 6.2.1 freeze_meeting: smg-26	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	history (event, available, version, comments):	G: yes U:	MCC: USAI, Paolino		
	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	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	history (event, available, version, comments):	G: yes U:	MCC: BOSWARTHICK, David		
	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	current version: 6.0.1 freeze_meeting: smg-26	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom	
	history (event, available, version, comments):	G: yes U:	MCC: USAI, Paolino		
	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>

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 03.64	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	remarks - general:		
	smg-26 26/06/1998	6 . 0 . 1	get it	remarks - this release:		
	smg-27 16/10/1998	6 . 1 . 0	get it			
	ETSI OAP 27/05/2000	6 . 1 . 1	get it			
	smg-28 12/02/1999	6 . 2 . 0	get it			
	smg-29 25/06/1999	6 . 3 . 0	get it			
	smg-30 11/11/1999	6 . 4 . 0	get it			
<hr/>						
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	remarks - general:		
	NP-07 17/03/2000	6 . 1 . 0	get it	remarks - this release:		
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version, 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 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0	
	smg post SP-07 30/10/1998	6 . 2 . 0	get it			
	NP-09 12/10/2000	6 . 3 . 0	get it			
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version, 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 TSG#7: 6.2.0 TSG#9:6.3.0	
	smg post SP-07 30/03/2000	6 . 2 . 0	get it			
	NP-09 12/10/2000	6 . 3 . 0	get it			

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97 *current version:* 6.0.0 *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 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97 *current version:* 6.11.1 *WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* JURISIC, Andrijana
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:*
ETSI publication 27/08/1998 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 13/10/1999 6 . 5 . 0 [get it](#)
NP-07 17/03/2000 6 . 6 . 0 [get it](#)
NP-08 23/06/2000 6 . 7 . 0 [get it](#)
NP-10 04/01/2001 6 . 8 . 0 [get it](#)
NP-12 29/06/2001 6 . 9 . 0 [get it](#)
edito 02/07/2001 6 . 9 . 1 [get it](#)
NP-14 04/01/2002 6 . 10 . 0 [get it](#)
NP-16 17/06/2002 6 . 11 . 0 [get it](#)
Editorial correction 21/08/2002 6 . 11 . 1 [get it](#)
to SDLs

TS 03.79 Support of Optimal Routing phase 1; Stage 2

R97 *current version:* 6.3.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* Chalmers
history (event, available, version, comments): KYMALAINEN, Kimmo
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 TSG#5: 6.2.0 TSG#7: 6.3.0
NP-05 13/10/1999 6 . 2 . 0 [get it](#)
NP-07 17/03/2000 6 . 3 . 0 [get it](#)

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

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ACTIVE specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general: remarks - this release: #27: 6.0.0		
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R97	current version: 6.1.0 freeze_meeting: smg-26	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0		get it get it	remarks - general: remarks - this release: #27: 6.0.0 #29: 6.1.0		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / - G: yes U:	rapporteur: SHARP, Iain MCC: KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)	
history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general: remarks - this release: #27: 6.0.0		
<hr/>					
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND	
history (event, available, version, comments): smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general: remarks - this release: #27: 6.0.0		
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
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 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 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R97	<i>current version:</i> 6.0.1 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-27 16/10/1998 6 . 0 . 0 Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27: 6.0.0		
<hr/>					
TS 03.88	Call Barring (CB) supplementary services; Stage 2				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<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 03.90	Unstructured Supplementary Service Data (USSD)				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> CHOTAI, Sunil <i>MCC:</i> KYMALAINEN, Kimmo		mmO2 plc
	<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 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<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 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2				
R97	<i>current version:</i> 6.2.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-25 20/03/1998 6 . 0 . 0 smg-26 26/06/1998 6 . 1 . 0 smg-27 16/10/1998 6 . 2 . 0	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 6.0.0 #26: 6.1.0 #27: 6.2.0		

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 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan Skov
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert Skov
history (event, available, version, comments):
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

3GPP specification status

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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	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version, comments):</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26	G: yes U:	Skov	THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert			
	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 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
R97	<i>current version:</i> 6.2.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-26	G: yes U:	Skov	THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> THOMASEN, Gert			
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 01/09/1999 6 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-29 25/06/1999 6 . 1 . 0	get it				
	ETSI publication 14/12/1999 6 . 1 . 1	get it				
	smg-31 16/02/2000 6 . 2 . 0	get it				
	ETSI publication 29/09/2000 6 . 2 . 1	get it				

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 *current version:* 6.5.1
freeze_meeting: smg-26

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
ETSI publication	04/12/1998	6	.	2	.	1
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-05	13/10/1999	6	.	5	.	0
Editorial correction	13/11/1999	6	.	5	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.20.0
freeze_meeting: smg-26

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-25		6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
edito	08/09/1998	6	.	1	.	1
smg-27	16/10/1998	6	.	2	.	0
ETSI publication	13/04/1999	6	.	2	.	1
smg-28	12/02/1999	6	.	3	.	0
ETSI publication	25/08/1999	6	.	3	.	1
smg-29	25/06/1999	6	.	4	.	0
edito	23/07/1999	6	.	4	.	1
ETSI OAP	11/08/1999	6	.	4	.	2
ETSI publication	29/12/1999	6	.	4	.	3
NP-05	08/10/1999	6	.	5	.	0
smg-30 bis	06/12/1999	6	.	6	.	0
NP-06	15/12/1999	6	.	7	.	0
ETSI publication	05/07/2000	6	.	7	.	1
smg-31	16/02/2000	6	.	8	.	0
NP-07	15/03/2000	6	.	9	.	0
ETSI publication	29/09/2000	6	.	9	.	1
smg-31 bis	17/04/2000	6	.	10	.	0
smg-32	21/06/2000	6	.	11	.	0
GP-01/NP-09	12/10/2000	6	.	12	.	0
edito	02/11/2000	6	.	12	.	1
NP-10	02/01/2001	6	.	13	.	0
GP-04 / NP-11	11/04/2001	6	.	14	.	0
NP-12	05/07/2001	6	.	15	.	0
GP-07	04/01/2002	6	.	16	.	0
NP-14	07/01/2002	6	.	17	.	0
GP-08	19/02/2002	6	.	18	.	0
NP-17	17/09/2002	6	.	19	.	0
NP-18	18/12/2002	6	.	20	.	0

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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 (SMSCB) 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 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 04.14	Individual equipment type requirements and interworking; Special conformance testing functions					
R97	current version: 6.3.1	WG (prime / other): G2 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	smg-30 11/11/1999 6 . 1 . 0	get it	remarks - this release:			
	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	get it	Misplaced figure, clause 5.3.1.			

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface					
R97	current version: 6.1.0	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation		
	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:			
	NP-08 23/06/2000 6 . 1 . 0	get it	remarks - this release: #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 Centre (BSS - MSC) interface					
R97	current version: 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-26 26/06/1998 6 . 0 . 0	get it	remarks - general:			
	smg-27 16/10/1998 6 . 1 . 0	get it	remarks - this release: #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0			
	NP-06 17/12/1999 6 . 2 . 0	get it				

G = required in systems with GERAN 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 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version, comments):

draft	20/12/1997	0	.	0	.	0		get it	<i>remarks - general:</i>
draft	20/03/1998	1	.	0	.	0		get it	<i>remarks - this release:</i>
draft	20/03/1998	2	.	0	.	0		get it	
smg-25	20/03/1998	6	.	0	.	0		get it	
smg-26	26/06/1998	6	.	1	.	0		get it	
smg-27	16/10/1998	6	.	2	.	0		get it	
smg-28	12/02/1999	6	.	3	.	0		get it	
ETSI publication	14/06/1999	6	.	3	.	1		get it	
smg-29	25/06/1999	6	.	4	.	0		get it	
ETSI publication	16/12/1999	6	.	4	.	1		get it	
smg-30	11/11/1999	6	.	5	.	0		get it	
smg-30 bis	06/12/1999	6	.	6	.	0		get it	
ETSI publication	05/07/2000	6	.	6	.	1		get it	
smg-31	16/02/2000	6	.	7	.	0		get it	
ETSI publication	29/09/2000	6	.	7	.	1		get it	
smg-31 bis	17/04/2000	6	.	8	.	0		get it	
ETSI publication	17/10/2000	6	.	8	.	1		get it	
smg-32	20/06/2000	6	.	9	.	0		get it	
GP-01	11/10/2000	6	.	10	.	0		get it	
GP-02	27/11/2000	6	.	11	.	0		get it	
GP-03	31/01/2001	6	.	12	.	0		get it	
GP-04	04/05/2001	6	.	13	.	0		get it	
GP-10	19/07/2002	6	.	14	.	0		get it	

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-27	16/10/1998	6	.	0	.	0		get it	<i>remarks - general:</i>
									<i>remarks - this release:</i>

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R97 *current version:* 6.10.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
smg-30	11/11/1999	6	.	5	.	0
NP-06	17/12/1999	6	.	6	.	0
smg-31	16/02/2000	6	.	7	.	0
NP-10	02/01/2001	6	.	8	.	0
NP-13	02/10/2001	6	.	9	.	0
NP-14	04/01/2002	6	.	10	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)

R97 *current version:* 6.7.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
smg-30	11/11/1999	6	.	5	.	0
NP-06	17/12/1999	6	.	6	.	0
smg-31	16/02/2000	6	.	7	.	0

[get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
[get it](#) *remarks - this release:*
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TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-27	16/10/1998	6	.	0	.	0
Editorial correction	16/11/1998	6	.	0	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: 6.0.0

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	Group Call Control (GCC) Protocol				
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, comments):				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:		
	smg-29 25/06/1998 6 . 1 . 0	get it	remarks - this release:		
	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	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, 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:		
	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	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:		
	smg-28 12/02/1999 6 . 1 . 1	get it			

TS 04.81	Line Identification Supplementary Services; Stage 3				
R97	current version: 6.0.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, comments):				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	remarks - this release: #27: 6.0.0		

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

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ACTIVE specs R97 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
<hr/>					
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
<hr/>					
TS 04.84	Multi Party (MPY) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
<hr/>					
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #27: 6.0.0</i>		
<hr/>					
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		

G = required in systems with GERAN 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 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<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>
	Editorial correction 20/04/1998 6 . 0 . 1				get it <i>remarks - this release:</i> #25: 6.0.0
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TS 04.90	Unstructured Supplementary Service Data (USSD)				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-26	<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
<hr/>					
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<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>
	<to be defined> 16/11/1998 6 . 0 . 1				get it <i>remarks - this release:</i> #27: 6.0.0
<hr/>					
TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3				
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<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> #25: 6.0.0 #26: 6.1.0 #28:6.1.1
	smg-28 12/02/1999 6 . 1 . 1				get it
<hr/>					
TS 04.96	Name Identification Supplementary Services; Stage 3				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26	<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>
	Editorial correction 20/04/1998 6 . 0 . 1				get it <i>remarks - this release:</i> #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

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

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ACTIVE specs R97 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 20/04/1998 6 . 1 . 1 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 *current version:* 6.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-26 26/06/1998 6 . 2 . 0 [get it](#)
smg-27 16/10/1998 6 . 3 . 0 [get it](#)
ETSI publication 09/03/1999 6 . 3 . 1 [get it](#)
smg-28 12/02/1999 6 . 4 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 4 . 1 [get it](#)
smg-29 25/06/1999 6 . 5 . 0 [get it](#)
smg-30 11/11/1999 6 . 6 . 0 [get it](#)
smg-30 bis 06/12/1999 6 . 7 . 0 [get it](#)
ETSI publication 17/07/2000 6 . 7 . 1 [get it](#)
smg-31 16/02/2000 6 . 8 . 0 [get it](#)
ETSI publication 29/09/2000 6 . 8 . 1 [get it](#)
smg-31 bis 17/04/2000 6 . 9 . 0 [get it](#)
ETSI publication 17/10/2000 6 . 9 . 1 [get it](#)
edito 02/05/2001 6 . 9 . 2 [get it](#)
GP-06 01/10/2001 6 . 10 . 0 [get it](#)

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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	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			get it	remarks - general:	
	smg-25 20/03/1998			get it	remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0	
	smg-28 12/02/1999			get it		
	ETSI Publication 12/03/1999			get it		

TS 05.04	Modulation					
R97	current version: 6.1.1	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-27 16/10/1998			get it	remarks - general:	
	ETSI publication 09/02/1999			get it	remarks - this release:	
	smg-30 bis 06/12/1999			get it		
	ETSI publication 20/06/2000			get it		

TS 05.05	Radio Transmission and Reception					
R97	current version: 6.8.0	WG (prime / other):	G1 / -	rapporteur:	SAMUELSSON, Mats	
	freeze_meeting: smg-26	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version, comments):					
	smg-24 19/12/1997			get it	remarks - general:	
	smg-25 20/03/1998			get it	remarks - this release:	
	smg-26 26/06/1998			get it		
	smg-27 16/10/1998			get it		
	ETSI publication 09/03/1999			get it		
	smg-28 12/02/1999			get it		
	ETSI publication 04/06/1999			get it		
	smg-29 25/06/1999			get it		
	ETSI publication 14/12/1999			get it		
	smg-30 11/11/1999			get it		
	smg-31 16/02/2000			get it		
	ETSI publication 29/09/2000			get it		
	GP-01 09/10/2000			get it		

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

VODAFONE Group Plc

history (event, available, version, comments):

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
edito	20/03/1998	6	.	1	.	1
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	04/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
smg-30 bis	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

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

NOKIA MOBILE PHONES

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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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.
GP-10 19/07/2002 6 . 2 . 0 [get it](#) record created at same time (originally was only R99 and R98).

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:* Skov
USAI, Paolino

history (event, available, version, comments):
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-31 16/02/2000 6 . 1 . 0 [get it](#) *remarks - this release:* #24: 6.0.0 #31:6.1.0

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations

R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):
smg-27 10/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 12/11/2001 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.

R97 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release:</i>	
<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>	
<hr/>						
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>	
<hr/>						
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>	
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TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #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	current version: 6.2.0	WG (prime / other): S4 / -	rapporteur: LORENZ, Dietmar	PHILIPS Semiconductors		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0				get it	remarks - general:
	smg-32 20/06/2000 6 . 1 . 0				get it	remarks - this release:
	ETSI Publication 30/11/2000 6 . 1 . 1				get it	
	SP-12 29/06/2001 6 . 2 . 0				get it	
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, 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: #27: 6.0.0
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TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R97	current version: 6.1.0	WG (prime / other): S4 / -	rapporteur: SERENO, Daniele	TELECOM ITALIA S.p.A.		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
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	ETSI Publication 16/11/1998 6 . 0 . 1				get it	remarks - this release: #27: 6.0.0
	SP-12 29/06/2001 6 . 1 . 0				get it	
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, comments):					
	smg-27 16/10/1998 6 . 0 . 0				get it	remarks - general:
	Editorial correction 16/11/1998 6 . 0 . 1				get it	remarks - this release: #27: 6.0.0
<hr/>						
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R97	current version: 6.0.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version, 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: #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 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
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TS 06.32	Voice Activity Detection (VAD)				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
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	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
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TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
<hr/>					
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		

G = required in systems with GERAN acces; 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 06.51	GSM Enhanced full rate speech processing functions: General description					
R97	<i>current version:</i> 6.2.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 04/06/1999 6 . 0 . 1		get it	<i>remarks - this release:</i> #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0		
	smg-32 20/06/2000 6 . 1 . 0		get it			
	ETSI publication 30/11/2000 6 . 1 . 1		get it			
	SP-10 20/12/2000 6 . 2 . 0		get it			

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R97	<i>current version:</i> 6.0.1 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<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>		

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R97	<i>current version:</i> 6.2.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino		NOKIA Corporation	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 01/09/1999 6 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-32 20/06/2000 6 . 1 . 0		get it			
	SP-10 20/12/2000 6 . 2 . 0		get it			

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> SALEM, Tarek <i>MCC:</i> USAI, Paolino		T-MOBILE DEUTSCHLAND	
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #27: 6.0.0		

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI Publication 16/11/1998 6 . 0 . 1				get it	<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 06.61	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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI Publication 16/11/1998 6 . 0 . 1				get it	<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
TS 06.62	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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI Publication 04/06/1999 6 . 0 . 1				get it	<i>remarks - this release: #27: 6.0.0</i>
<hr/>						
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	smg-30 11/11/1999 6 . 1 . 0				get it	<i>remarks - this release: #27: 6.0.0 #30: 6.1.0</i>
	ETSI Publication 09/05/2000 6 . 1 . 1				get it	
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	ETSI Publication 16/11/1998 6 . 0 . 1				get it	<i>remarks - this release: #27: 6.0.0</i>

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ACTIVE specs R97 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

R97 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R97 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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ACTIVE specs R97 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0

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

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):

smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-29 25/06/1999 6 . 3 . 0
TP-05 08/10/1999 6 . 4 . 0
TP-11 06/04/2001 6 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[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
draft 10/03/1998 2 . 2 . 0
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
TP-05 08/10/1999 6 . 4 . 0
TP-15 26/03/2002 6 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[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	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 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0
smg-27	16/10/1998	6	.	2	.	0	get it
smg-29	25/06/1999	6	.	3	.	0	get it
NP-05	08/10/1999	6	.	4	.	0	get it
NP-06	15/12/1999	6	.	5	.	0	get it

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* Skov THOMASEN, Gert

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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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:* Skov THOMASEN, Gert

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 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 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<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> smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<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> smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R97	<i>current version:</i> 6.5.0 <i>freeze_meeting:</i> smg-26	<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> smg-31 bis 17/04/2000 6 . 5 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<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> smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>		

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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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti THOMASEN, Gert	MOTOROLA	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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 Transceiver Station (BSC-BTS) Interface General Aspects				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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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 Tranceiver Station (BSC-BTS) Interface - Interface Principles				
R97	<i>current version:</i> 6.0.0 <i>freeze_meeting:</i> smg-26	<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> 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>freeze_meeting:</i> smg-26	<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> 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>freeze_meeting:</i> smg-26	<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> 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 Tranceiver Station (BSC-BTS) Interface Layer 3 Specification				
R97	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-26	<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> smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0		

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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 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 09.02	Mobile Application Part (MAP) Specification						
R97	<i>current version:</i> 6.12.0		<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> CN->N4 Apr00 (JMM)			
	smg-26 26/06/1998 6 . 1 . 0		get it	<i>remarks - this release:</i>			
	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				
<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						
R97	<i>current version:</i> Network (PLMN)	6.0.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David		
	ETSI Secretariat						
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>						
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".			
				<i>remarks - this release:</i> #27: 6.0.0			
<hr/>							
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)						
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>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>						
	smg-27 16/10/1998 6 . 0 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".			
				<i>remarks - this release:</i> #27: 6.0.0			

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	<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>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".						
			<i>remarks - this release:</i> #27: 6.0.0						
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R97	<i>current version:</i> Switched Data Transmission Services 6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".						
			<i>remarks - this release:</i> #27: 6.0.0						
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network								
R97	<i>current version:</i> (PSTN) 6.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-29 25/06/1999 6 . 1 . 0	get it	<i>remarks - this release:</i> #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0						
	NP-06 15/12/1999 6 . 2 . 0	get it							
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated					
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> #27: 6.0.0						

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

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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:</i> Procedures and the Mobile Application Part (MAP)	6.2.0	WG (prime / other):	N4	/ -	<i>rapporteur:</i>		KYMALAINEN, Kimmo	
	TeliaSonera AB								
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
	<i>history (event, available, version, comments):</i>								
	smg-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:</i> #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0
	NP-11	04/04/2001	6	.	2	.	0	get it	

TS 09.11	Signalling Interworking for Supplementary Services								
R97	<i>current version:</i> 6.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-26	26/06/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> #26: 6.0.0

TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R97	<i>current version:</i> 6.0.0		WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-26		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>								
	smg-27	16/10/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
									<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:</i> 6.1.0		WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<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-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 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 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)								
R97	<i>current version:</i> 6.9.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
<i>history (event, available, version, comments):</i>									
	smg-25	20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>			
	smg-26		6 . 1 . 0	not issued, w/proc compatibility probs		<i>remarks - this release:</i>			
	smg-26 ((6.1.0	26/06/1998	6 . 2 . 0		get it				
	withdrawn due to								
	WORD com								
	smg-27	16/10/1998	6 . 3 . 0		get it				
	smg-30	11/11/1999	6 . 4 . 0		get it				
	NP-13	12/10/2001	6 . 5 . 0		get it				
	NP-14	14/01/2002	6 . 6 . 0		get it				
	NP-15	20/03/2002	6 . 7 . 0		get it				
	NP-16	02/07/2002	6 . 8 . 0		get it				
	NP-18	09/01/2003	6 . 9 . 0		get it				

TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	<i>current version:</i> 6.5.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> smg-26	G: yes U:	<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	G: yes U:	<i>MCC:</i> Skov	JORGENSEN, Per Johan					
<i>history (event, available, version, comments):</i>									
	smg-27		6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		<i>remarks - general:</i>			
	NP-16	26/06/2002	6 . 1 . 0		get it	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.			
	edito post NP-18	16/12/2002	6 . 1 . 1	minor editorials to change style from TS to TR.	get it				

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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 Skov

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 access; 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	<i>current version:</i> 6.4.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G5	/ S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED		
		<i>G:</i> yes	<i>U:</i>	<i>MCC:</i> SALMERON, Lidia			
	<i>history (event, available, version, comments):</i>						
	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					
<hr/>							
TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface						
R97	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-32	<i>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.		
		<i>G:</i> yes	<i>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>			
	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					
<hr/>							
TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface						
R97	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-32	<i>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.		
		<i>G:</i> yes	<i>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>			
	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 access; 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	<i>current version:</i> 6.3.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> DIETZE, Claus		
	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	<i>current version:</i> 6.0.1 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
	GP-09 06/05/2002 6 . 0 . 0	get it	<i>remarks - general:</i>		
	edito (correction of 18/06/2002 6 . 0 . 1 version on cover)	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	<i>current version:</i> 6.1.0 <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)	
	<i>history (event, available, version, comments):</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> ZOICAS, Adrian		
	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 *current version:* 6.3.0 *WG (prime / other):* S5 / S1 / GP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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 *current version:* 6.3.0 *WG (prime / other):* S5 / - *rapporteur:* LEHNERT, Matthias ALCATEL S.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

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 *current version:* 6.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
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> SP-13: S5->G3 but no change of rapporteur.
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remarks - this release: GP-09 (Usai) created to fill the Release gap.

R96

R96

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 01.02	General Description of a GSM Public Land Mobile Network (PLMN)					
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / GP / NP	rapporteur: JORGENSEN, Niels H.	TDC TELE DANMARK A/S		
	history (event, available, version, comments): smg-17 02/02/1996 5 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael		get it remarks - general: remarks - this release:	
<hr/>						
TR 01.04	Abbreviations and acronyms					
R96	current version: 5.0.2 freeze_meeting: smg-22	WG (prime / other): GP / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	history (event, available, version, comments): smg-17 02/02/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 1 ETSI publication 30/10/2001 5 . 0 . 2	G: yes U:	MCC: USAI, Paolino		get it remarks - general: get it remarks - this release: get it	
<hr/>						
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): S1 / -	rapporteur: GRAETZ, Ingeborg	SIEMENS AG		
	history (event, available, version, comments): smg-19 28/06/1996 5 . 0 . 0 smg-20 11/11/1996 5 . 0 . 1	G: yes U:	MCC: CLAYTON, Michael		get it remarks - general: get it remarks - this release:	

R96

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)					
R96	current version: 5.5.0 freeze_meeting: smg-22	WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	history (event, available, version, comments): smg-16 20/10/1995 5 . 0 . 0 smg-17 02/02/1996 5 . 1 . 0 smg-20 11/10/1996 5 . 2 . 0 smg-24 19/12/1997 5 . 3 . 0 smg-26 26/06/1998 5 . 4 . 0 smg-29 25/06/1999 5 . 5 . 0	G: yes U:	MCC: CLAYTON, Michael		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 R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-18	12/04/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	2	.	0	get it	
ETSI publication	02/05/1997	5	.	2	.	1	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
ETSI OAP	21/07/1997	5	.	3	.	1	get it	
ETSI publication	31/12/1997	5	.	3	.	2	get it	

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-17	02/02/1997	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-19	28/06/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	1	.	1	get it	
ETSI publication	02/05/1997	5	.	1	.	2	get it	
smg-21	14/02/1997	5	.	2	.	0	get it	
ETSI publication	26/08/1997	5	.	2	.	1	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
ETSI OAP	21/07/1997	5	.	3	.	1	get it	
ETSI publication	14/01/1998	5	.	3	.	2	get it	

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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

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[get it](#) *remarks - this release:*
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TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1
freeze_meeting: smg-22

WG (prime / other): S1 / - *rapporteur:* 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

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[get it](#) *remarks - this release:*
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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 *freeze_meeting:* smg-22
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	

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

TS 02.09 Security aspects

R96 *current version:* 5.2.1 *freeze_meeting:* smg-22
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	

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: yes U: *MCC:* POPE, Maurice

TS 02.11 Service Accessibility

R96 *current version:* 5.0.1 *freeze_meeting:* smg-22
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>

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

G = required in systems with GERAN acces; U = requrd 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 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

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

[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 *WG (prime / other):* T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD
G: yes U: *MCC:* DIETZE, Claus

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0 *freeze_meeting:* smg-22 *WG (prime / other):* S1 / *rapporteur:* DURAND, Romain ALCATEL S.A.
G: yes U: *MCC:* CLAYTON, Michael

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1 *freeze_meeting:* smg-22 *WG (prime / other):* S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
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

[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 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 *current version:* 5.7.1 *freeze_meeting:* smg-22
WG (prime / other): S1 / *rapporteur:* JEAL, David VODAFONE Group Plc
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 *freeze_meeting:* smg-22
WG (prime / other): S1 / *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
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	

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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>			

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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	01/12/1998	5	.	2	.	1	get it	

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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: #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0</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	
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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> GRECH, Michel <i>MCC:</i> CLAYTON, Michael		Lucent Technologies Network Systems UK
<i>history (event, available, version, comments):</i>					
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-21 14/02/1997 5 . 1 . 1	get it			
	smg-22 13/06/1997 5 . 2 . 0	get it			
	smg-23 17/10/1997 5 . 3 . 0	get it			
	smg-24 19/12/1997 5 . 4 . 0	get it			
	smg-26 26/06/1998 5 . 5 . 0	get it			
	smg-28 12/02/1999 5 . 6 . 0	get it			
<hr/>					
TS 02.79	Support of Optimal Routing (SOR); Service definition (Stage 1)				
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> FREY, Sophie <i>MCC:</i> CLAYTON, Michael		Indicate persons who left Company and wait for new One
<i>history (event, available, version, comments):</i>					
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #19: 5.0.0 #20: 5.1.0 #28: 5.2.0		
	smg-28 12/02/1999 5 . 2 . 0	get it			
<hr/>					
TS 02.81	Line Identification Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> BLOMSTRAND, Ola <i>MCC:</i> CLAYTON, Michael		TeliaSonera AB
<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-24 19/12/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0		
<hr/>					
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> EVEN, Anne <i>MCC:</i> CLAYTON, Michael		France Telecom
<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 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: JORGENSEN, Niels H. MCC: CLAYTON, Michael	TDC TELE DANMARK A/S		
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 (MPPTY) Supplementary Services; Stage 1					
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: POSTMANN, Erwin MCC: CLAYTON, Michael	SIEMENS AG		
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 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: BLOMSTRAND, Ola MCC: CLAYTON, Michael	TeliaSonera AB		
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 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: CRAWFORD, Ian MCC: CLAYTON, Michael	VODAFONE Group Plc		
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 freeze_meeting: smg-22	WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael	T-MOBILE DEUTSCHLAND		
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	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<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-21 14/02/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #21: 5.1.0			
<hr/>						
TS 02.91	Explicit Call Transfer (ECT)					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin	SIEMENS AG		
	<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 20/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-17 02/02/1996 5 . 0 . 1	get it	<i>remarks - this release:</i> #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				
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R96	<i>current version:</i> 5.2.0	<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 20/10/1995 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-18 12/04/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #16: 5.0.0 #18: 5.1.0 #19: 5.2.0			
	smg-19 28/06/1996 5 . 2 . 0	get it				

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03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<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> SMG3->SA2 @ TSG#7			
	smg-18 12/04/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #17: 5.0.0 #18: 5.1.0			

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 03.02	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		G: yes U:	<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				

TS 03.03	Numbering, Addressing and Identification						
R96	<i>current version:</i> 5.4.1		<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22		G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>						
	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				

TR 03.05	Technical performance objectives						
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-22		G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>						
	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 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures				
R96	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David Chalmers	VODAFONE LTD	
	<i>history (event, available, version, comments):</i>	G: yes U:	<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf Chalmers	ALCATEL SEL AG	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>history (event, available, version, comments):</i>	G: yes U:	<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	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 access; U = required in systems with UMTS access.

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> HABERMANN, Steffen <i>MCC:</i> KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND		
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 ETSI publication 03/06/1997 5 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 03.12	Location Registration Procedures					
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo <i>MCC:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / - <i>G: yes U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N1 / - <i>G: yes U:</i>	<i>rapporteur:</i> ZAUS, Robert <i>MCC:</i> JORGENSEN, Per Johan	SIEMENS AG		
	<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> PARK, Ian David Chalmers <i>MCC:</i> KYMALAINEN, Kimmo	VODAFONE LTD		
	<i>history (event, available, version, comments):</i> smg-16 20/10/1995 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #16: 5.0.0 #21: 5.1.0			

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

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TS 03.16	Subscriber Data Management				
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> 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-21 14/02/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0		
	smg-23 17/10/1997 5 . 2 . 0	get it			
	smg-26 26/06/1998 5 . 3 . 0	get it			

TS 03.18	Basic Call Handling				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-22	G: yes U:	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	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			
	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-27 16/10/1998 5 . 6 . 0	get it			

TS 03.20	Security-related Network Functions				
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> POPE, Maurice		
	<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#29: CRs but postponed, then forgotten!		
	smg-23 17/10/1997 5 . 2 . 0	get it			
	smg-29 25/06/1999 5 . 2 . 1	get it			

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
		G: yes U:	Skov	USAI, Paolino			
	<i>history (event, available, version, comments):</i>						
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	ETSI publication 03/06/1997 5 . 0 . 1	get it	<i>remarks - this release:</i>	group receive mode".			
	smg-21 14/02/1997 5 . 1 . 0	get it					
	ETSI publication 15/09/1997 5 . 1 . 1	get it					
	smg-22 13/06/1997 5 . 2 . 0	get it					
	ETSI publication 31/12/1997 5 . 2 . 1	get it					
	smg-26 26/06/1998 5 . 3 . 0	get it					
	ETSI publication 10/12/1998 5 . 3 . 1	get it					
<hr/>							
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
		G: yes U:	Skov	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>				
	smg-23 17/10/1997 5 . 2 . 0	get it					
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB			
	<i>history (event, available, version, comments):</i>	G: yes U:	USAI, Paolino				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>							
TS 03.32	Universal Geographical Area Description (GAD)						
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM			
	<i>history (event, available, version, comments):</i>	G: yes U:	YOON, Sang-Ui				
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-26 26/06/1998 5 . 1 . 0	get it	<i>remarks - this release:</i>				
	smg-27 16/10/1998 5 . 2 . 0	get it					

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

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* N1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 5 . 1 . 0 [get it](#) *remarks - this release:* #21: 5.0.0 #26: 5.1.0 #28: 5.2.0
smg-28 12/02/1999 5 . 2 . 0 [get it](#)

TS 03.38 Alphabets and language-specific information

R96 *current version:* 5.6.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [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
smg-18 12/04/1996 5 . 2 . 0 [get it](#)
smg-19 28/06/1996 5 . 3 . 0 [get it](#)
smg-20 11/10/1996 5 . 4 . 0 [get it](#)
smg-21 14/02/1997 5 . 5 . 0 [get it](#)
smg-22 13/06/1997 5 . 6 . 0 [get it](#)
Editorial correction 13/07/1997 5 . 6 . 1 [get it](#)

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R96 *current version:* 5.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-18 12/04/1996 5 . 2 . 0 [get it](#)
smg-19 28/06/1996 5 . 3 . 0 [get it](#)
smg-20 11/10/1996 5 . 4 . 0 [get it](#)
smg-21 14/02/1997 5 . 5 . 0 [get it](#)
smg-22 13/06/1997 5 . 6 . 0 [get it](#)
smg-23 17/10/1997 5 . 7 . 0 [get it](#)
smg-26 26/06/1998 5 . 8 . 0 [get it](#)
Editorial change 26/07/1998 5 . 8 . 1 [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 03.41 Technical Realization of Short Message Service Cell Broadcast (SMS-SCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	5	.	2	.	0	get it	
smg-19	28/06/1996	5	.	3	.	0	get it	
smg-20	11/10/1996	5	.	4	.	0	get it	
ETSI publication	02/05/1997	5	.	4	.	1	get it	
smg-21	14/02/1997	5	.	5	.	0	get it	
ETSI publication	15/09/1997	5	.	5	.	1	get it	
smg-22	13/06/1997	5	.	6	.	0	get it	
ETSI publication	02/02/1998	5	.	6	.	1	get it	
smg-23	17/10/1997	5	.	7	.	0	get it	
smg-24	19/12/1997	5	.	8	.	0	get it	
ETSI publication	17/06/1998	5	.	8	.	1	get it	
smg-25	20/03/1998	5	.	9	.	0	get it	
ETSI publication	03/02/1999	5	.	9	.	1	get it	

TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-21	14/02/1997	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-22	13/06/1997	5	.	1	.	0	get it	<i>remarks - this release:</i> #21: 5.0.0 #22: 5.1.0 #23: 5.2.0
smg-23	17/10/1997	5	.	2	.	0	get it	

TR 03.43 Support of Videotex

R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-20	11/10/1996	5	.	0	.	0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:		<i>MCC:</i> RODERMUND, Friedhelm					
		get it		<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R96	<i>current version:</i> 5.2.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>history (event, available, version, comments):</i> 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-22 13/06/1997 5 . 2 . 0 ETSI publication 02/02/1998 5 . 2 . 1	G: yes U:		<i>MCC:</i> BOSWARTHICK, David					
		get it		<i>remarks - general:</i>					
		get it		<i>remarks - this release:</i>					
		get it							
		get it							
		get it							
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat				
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:		<i>MCC:</i> BOSWARTHICK, David					
		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)								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:		<i>MCC:</i> RODERMUND, Friedhelm					
		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 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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
		G: yes U:	MCC:	RODERMUND, Friedhelm	
	<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-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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
		G: yes U:	MCC:	USAI, Paolino	
	<i>history (event, available, version, comments):</i>				
	smg-17 02/02/1996 5 . 0 . 0	get it		<i>remarks - general:</i>	
	smg-20 11/10/1996 5 . 0 . 1	get it		<i>remarks - this release:</i>	#17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0
	smg-24 19/12/1997 5 . 0 . 3	get it			
	smg-25 20/03/1998 5 . 1 . 0	get it			
	smg-27 16/10/1998 5 . 2 . 0	get it			
	smg-28 12/02/1999 5 . 3 . 0	get it			
	smg-32 20/06/2000 5 . 4 . 0	get it			

TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R96	<i>current version:</i> 5.2.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
		G: yes U:	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version, comments):</i>				
	smg-23 17/10/1997 5 . 1 . 0	get it		<i>remarks - general:</i>	
	smg-24 19/12/1997 5 . 2 . 0	get it		<i>remarks - this release:</i>	#23: 5.1.0 #24: 5.2.0

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

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ACTIVE specs R96 03 .- series
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 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, 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:*

TS 03.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R96 *current version:* 5.1.1 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 03/06/1997 5 . 1 . 1 [get it](#)

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R96 *current version:* 5.5.1 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, 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 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0*
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
ETSI publication 03/06/1997 5 . 1 . 2 [get it](#)
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 2 . 1 [get it](#)
smg-23 17/10/1997 5 . 3 . 0 [get it](#)
ETSI publication 07/04/1998 5 . 3 . 1 [get it](#)
smg-24 19/12/1997 5 . 4 . 0 [get it](#)
ETSI publication 23/07/1998 5 . 4 . 1 [get it](#)
smg-26 26/06/1998 5 . 5 . 1 [get it](#)

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

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ACTIVE specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 *current version:* 5.5.1
freeze_meeting: smg-22

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
G: yes U: *MCC:* JORGENSEN, Per Johan

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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 *current version:* 5.0.0
freeze_meeting: smg-22

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-20	11/10/1996	5	.	0	.	0
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[get it](#)

remarks - general: N3: "no R99 needed".

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 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* JURISIC, Andrijana

history (event, available, version, comments):

smg-21	14/02/1997	5	.	0	.	0	get it	<i>remarks - general:</i>
ETSI publication	23/04/1997	5	.	0	.	1	get it	<i>remarks - this release:</i>
smg-22	13/06/1997	5	.	1	.	0	get it	
smg-23	17/10/1997	5	.	2	.	0	get it	
smg-24	19/12/1997	5	.	3	.	0	get it	
edito	19/01/1998	5	.	3	.	1	get it	
ETSI publication	30/01/1998	5	.	3	.	2	get it	
smg-25	20/03/1998	5	.	4	.	0	get it	
smg-26	26/06/1998	5	.	5	.	0	get it	
smg-27	16/10/1998	5	.	6	.	0	get it	
smg-28	12/02/1999	5	.	7	.	0	get it	
smg-29	25/06/1999	5	.	8	.	0	get it	

TS 03.79 Support of Optimal Routing 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:* CHALMERS, 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: #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</i>
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: #20: 5.0.0 #24: 5.1.0 #26: 5.2.0</i>
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	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB	
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 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: SHARP, Iain MCC: KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)	
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 03.84	Multi Party (MPY) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND	
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 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, comments): smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general: remarks - this release:		
<hr/>					
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, comments): smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 28/11/2000 5 . 0 . 1		get it 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 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
G: yes U: Skov *MCC:* JORGENSEN, Per Johan

[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.

3GPP specification status

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration						
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S			
		G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version, comments):</i> smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #18: 5.0.0				
<hr/>							
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities						
R96	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> smg-22	<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> 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	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>							
TS 04.04	Layer 1 - General Requirements						
R96	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken THOMASEN, Gert	SIEMENS AG			
		G: yes U:	<i>MCC:</i>				
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 ETSI publication 02/05/1997 5 . 0 . 1 smg-24 19/12/1997 5 . 1 . 0	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>				
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TS 04.05	Data Link (DL) Layer General Aspects						
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<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> smg-20 11/10/1996 5 . 0 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i>				

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ACTIVE specs R96 04 .- series
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TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R96 *current version:* 5.4.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter 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	

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.19.0
freeze_meeting: smg-22

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version, comments):

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	13/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	2
ETSI publication	27/02/1998	5	.	6	.	3
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	23/10/1998	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	16/12/1998	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	05/10/1999	5	.	13	.	1
ETSI publication	22/12/1999	5	.	13	.	1
smg-30	11/11/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-07	15/03/2000	5	.	15	.	0
ETSI publication	05/10/2000	5	.	15	.	1
smg-31 bis	17/04/2000	5	.	16	.	0
smg-32	20/06/2000	5	.	17	.	0
GP-01	12/10/2000	5	.	18	.	0
edito	02/11/2000	5	.	18	.	1
NP-18	18/12/2002	5	.	19	.	0

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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 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 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0				<i>remarks - general:</i>
	edito 11/10/1996 5 . 0 . 1				<i>remarks - this release:</i>
			get it		
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TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R96	<i>current version:</i> 5.3.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-16 20/10/1995 5 . 0 . 0				<i>remarks - general:</i>
	smg-17 02/02/1996 5 . 1 . 0				<i>remarks - this release:</i>
	smg-20 11/10/1996 5 . 1 . 1				
	smg-21 14/02/1997 5 . 2 . 0				
	ETSI publication 15/09/1997 5 . 2 . 1				
	NP-09 24/10/2000 5 . 3 . 0				
			get it		
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TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R96	<i>current version:</i> 5.0.2 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version, comments):</i>				
	smg-19 28/06/1996 5 . 0 . 0				<i>remarks - general:</i>
	smg-20 11/10/1996 5 . 0 . 1				<i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
	ETSI Publication 28/11/2000 5 . 0 . 2				
			get it		
			get it		
			get it		
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TS 04.13	Performance Requirements on Mobile Radio Interface				
R96	<i>current version:</i> 5.1.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-18 12/04/1996 5 . 0 . 0				<i>remarks - general:</i>
	smg-20 11/10/1996 5 . 1 . 0				<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0
	ETSI Publication 28/11/2000 5 . 1 . 1				
			get it		
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			get it		

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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 freeze_meeting: smg-22	WG (prime / other): G2 / - G: yes U:	rapporteur: HOWELL, Andrew MCC: THOMASEN, Gert	MOTOROLA Ltd					
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:					
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TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	current version: 5.7.0 freeze_meeting: smg-22	WG (prime / other): N3 / - G: yes U:	rapporteur: RÄSÄNEN, Juha MCC: BOSWARTHICK, David	NOKIA Corporation					
history (event, available, version, comments):									
	smg-20 11/10/1996	5 . 0 . 0	get it	remarks - general:					
	smg-21 14/02/1997	5 . 1 . 0	get it	remarks - this release:	#20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0 TSG#8:5.7.0				
	smg-22 13/06/1997	5 . 2 . 0	get it						
	smg-23 17/10/1997	5 . 3 . 0	get it						
	smg-24 19/12/1997	5 . 4 . 0	get it						
	smg-25 20/03/1998	5 . 5 . 0	get it						
	smg-27 16/10/1998	5 . 6 . 0	get it						
	NP-08 21/06/2000	5 . 7 . 0	get it						
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching								
R96	current version: Centre (BSS - MSC) interface	5.6.1	WG (prime / other): N3	/-	rapporteur: KLEHN, Norbert				
SIEMENS AG									
freeze_meeting: smg-22									
G: yes U:									
MCC: BOSWARTHICK, David									
history (event, available, version, comments):									
	smg-16 20/10/1995	5 . 0 . 0	get it	remarks - general:					
	smg-20 11/10/1996	5 . 0 . 1	get it	remarks - this release:	#16: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #25: 5.4.0 #27: 5.5.0 tsg#6: 5.6.0				
	smg-21 14/02/1997	5 . 1 . 0	get it						
	smg-22 13/06/1997	5 . 2 . 0	get it						
	smg-23 17/10/1997	5 . 3 . 0	get it						
	smg-25 20/03/1998	5 . 4 . 0	get it						
	smg-27 16/10/1998	5 . 5 . 0	get it						
	NP-06 13/12/1999	5 . 6 . 0	get it						
	ETSI publication 17/07/2000	5 . 6 . 1	get it						

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TS 04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
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TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<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						
<hr/>									
TS 04.68	Group Call Control (GCC) Protocol								
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-20 11/10/1996 5 . 0 . 1	get it	<i>remarks - this release:</i>						
	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							
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TS 04.69	Broadcast Call Control (BCC) protocol								
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version, comments):</i>								
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-27 16/10/1998 5 . 1 . 0	get it	<i>remarks - this release:</i>						
	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							

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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 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
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			
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TS 04.81	Line Identification Supplementary Services; Stage 3				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
history (event, available, version, comments):					
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	ETSI Publication 11/11/1996 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0		
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TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	
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		
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TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: SHARP, Iain MCC: KYMALAINEN, Kimmo	NORTEL NETWORKS (EUROPE)	
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		
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TS 04.84	Multi Party (MPPTY) Supplementary Services; Stage 3				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): N4 / - G: yes U:	rapporteur: HABERMANN, Steffen MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND	
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		

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TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<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 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0		
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TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.1.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 smg-24 19/12/1997 5 . 1 . 0 ETSI Publication 19/01/1998 5 . 1 . 1	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0		
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TS 04.90	Unstructured Supplementary Service Data (USSD)				
R96	<i>current version:</i> 5.0.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo <i>MCC:</i> KYMALAINEN, Kimmo		TeliaSonera AB
	<i>history (event, available, version, comments):</i> smg-20 11/10/1996 5 . 0 . 0 ETSI Publication 11/11/1996 5 . 0 . 1	get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0		
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TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R96	<i>current version:</i> 5.1.2 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N4 / - <i>G: yes U:</i>	<i>rapporteur:</i> WIEHE, Ulrich <i>MCC:</i> KYMALAINEN, Kimmo		Gesellschaft für Kommunikations Software
	<i>history (event, available, version, comments):</i> smg-16 20/10/1995 5 . 0 . 0 smg-17 02/02/1996 5 . 1 . 0 ETSI Publication 02/03/1996 5 . 1 . 2	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #16: 5.0.0 #17: 5.1.0		

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

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ACTIVE specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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 <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-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 <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
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	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-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 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0 GERAN#1:5.6.0
	smg-19 26/06/1996	5	.	2	.	0	get it
	smg-20 11/10/1996	5	.	2	.	1	get it
ETSI publication	12/05/1997	5	.	2	.	2	get it
	smg-21 14/02/1997	5	.	3	.	0	get it
ETSI publication	26/08/1997	5	.	3	.	1	get it
	smg-23 17/10/1997	5	.	4	.	0	get it
	smg-25 20/03/1998	5	.	5	.	0	get it
ETSI publication	23/10/1998	5	.	5	.	1	get it
	GP-01 09/10/2000	5	.	6	.	0	get it

TS 05.04	Modulation						
R96	current version: 5.1.1	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-20 11/10/1996	5	.	0	.	0	get it remarks - general:
ETSI publication	13/05/1997	5	.	0	.	1	get it remarks - this release:
	smg-30 11/11/1999	5	.	1	.	0	get it
ETSI Publication	11/12/1999	5	.	1	.	1	get it

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0
freeze_meeting: smg-22

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

history (event, available, version, comments):

smg-17	02/02/1996	5	.	0	.	0
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

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ACTIVE specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R96 *current version:* 5.10.0
freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: *MCC:* USAI, Paolino

VODAFONE Group Plc

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

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[get it](#) *remarks - this release:*
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TS 05.10 Radio subsystem synchronization

R96 *current version:* 5.4.1
freeze_meeting: smg-22

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

history (event, available, version, comments):

smg-18	12/04/1996	5	.	0	.	0
smg-20	11/10/1996	5	.	1	.	0
ETSI publication	03/06/1997	5	.	1	.	1
smg-23	17/10/1997	5	.	2	.	0
draft	19/03/1999	5	.	2	.	1
ETSI publication	04/08/1999	5	.	2	.	2
GP-01	10/10/2000	5	.	3	.	0
GP-02	24/11/2000	5	.	4	.	0
edito	30/11/2000	5	.	4	.	1

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[get it](#) *remarks - this release:*
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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	<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> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
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			<i>remarks - this release:</i> #20: 5.0.0		
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TR 05.50	Background for RF Requirements				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22	G: yes U:	Skov		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> USAI, Paolino		
	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 #23: 5.1.1		
	smg-23 17/10/1997 5 . 1 . 1	get it			
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TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-20 28/05/1998 5 . 0 . 0	get it	<i>remarks - general:</i>		No proper source file available
			<i>remarks - this release:</i> .		

R96

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>		
	ETSI Publication 17/11/1997 5 . 1 . 1	get it			

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>			
<hr/>						
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.1.1</i>			
	smg-23 17/10/1997 5 . 1 . 1	get it				
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release: #20: 5.0.0 #22: 5.1.0 #23: 5.2.0</i>			
	smg-23 17/10/1997 5 . 2 . 0	get it				
	ETSI Publication 17/11/1997 5 . 2 . 1	get it				
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #20: 5.0.0</i>			

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
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	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 5 . 2 . 0	get it				
	ETSI Publication 04/01/2001 5 . 2 . 1	get it				
	SP-12 29/06/2001 5 . 3 . 0	get it				

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 17/10/1997 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.1			

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
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	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0			
	SP-12 29/06/2001 5 . 1 . 0	get it				

TS 06.20	Half Rate Speech Transcoding					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.1.0			
	ETSI Publication 13/07/1997 5 . 1 . 1	get it				

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

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino		MOTOROLA Ltd	
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			
<hr/>						
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino		MOTOROLA Ltd	
history (event, available, version, comments):						
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	smg-22 13/06/1997 5 . 1 . 0	get it	remarks - this release: #20: 5.0.0 #22: 5.1.0			
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		Telecom Italia Lab S.p.A.	
history (event, available, version, comments):						
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	smg-23 17/10/1997 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0 #23: 5.0.1			
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TS 06.32	Voice Activity Detection (VAD)					
R96	current version: 5.0.3 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:	rapporteur: BARRETT, Paul MCC: USAI, Paolino		Indicate persons who left Company and wait for new One	
history (event, available, version, comments):						
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	smg-23 17/10/1997 5 . 0 . 2	get it	remarks - this release: #20: 5.0.0 #23: 5.0.2			
	ETSI Publication 17/11/1997 5 . 0 . 3	get it				
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TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R96	current version: 5.1.1 freeze_meeting: smg-22	WG (prime / other): S4 / - G: yes U:	rapporteur: USAI, Paolino MCC: USAI, Paolino		Telecom Italia Lab S.p.A.	
history (event, available, version, comments):						
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	smg-22 13/06/1997 5 . 0 . 1	get it	remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0			
	smg-23 17/10/1997 5 . 1 . 0	get it				
	ETSI Publication 17/11/1997 5 . 1 . 1	get it				

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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	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 acces; U = required in systems with UMTS access.

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ACTIVE specs R96 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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>
ETSI publication	27/02/1998	5	.	1	.	1	get it	
smg-32	20/06/2000	5	.	2	.	0	get it	
SP-10	20/12/2000	5	.	3	.	0	get it	

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

smg-19	28/06/1996	5	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release: #19: 5.0.0</i>

TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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: #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0</i>
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-23	17/10/1997	5	.	1	.	3	get it	
smg-25	20/03/1998	5	.	2	.	0	get it	
ETSI Publication	20/04/1998	5	.	2	.	1	get it	

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino

history (event, available, version, comments):

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: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1</i>
smg-20	11/10/1996	5	.	1	.	1	get it	
ETSI Publication	11/11/1996	5	.	1	.	2	get it	

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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	<i>remarks - general:</i>
smg-19	28/06/1996	5	.	1	.	0	get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-23	17/10/1997	5	.	1	.	3	get it	

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	<i>remarks - general:</i>
smg-19	28/06/1996	5	.	1	.	0	get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-22	13/06/1997	5	.	1	.	2	get it	
smg-30	11/11/1999	5	.	2	.	0	get it	
ETSI Publication	09/05/2000	5	.	2	.	1	get it	

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	<i>remarks - general:</i>
smg-20	11/10/1996	5	.	0	.	2	get it	<i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.2 #22: 5.0.3
smg-22	13/06/1997	5	.	0	.	3	get it	

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 Lab 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	<i>remarks - general:</i>
								<i>remarks - this release:</i> #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:</i> #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	2	.	0	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
smg-23	17/10/1997	5	.	4	.	0	get it	
smg-24	19/12/1997	5	.	5	.	0	get it	
ETSI Publication	19/01/1998	5	.	5	.	1	get it	

G = required in systems with GERAN 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

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 Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-19	28/06/1996	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-20	11/10/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-21	14/02/1997	5	.	2	.	0	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
smg-23	17/10/1997	5	.	4	.	0	get it	
smg-24	19/12/1997	5	.	5	.	0	get it	

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-19	28/06/1996	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-20	11/10/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-21	14/02/1997	5	.	2	.	0	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
smg-23	17/10/1997	5	.	4	.	0	get it	
smg-24	19/12/1997	5	.	5	.	0	get it	
smg-25	20/03/1998	5	.	6	.	0	get it	
smg-26	26/06/1998	5	.	7	.	0	get it	
smg-27	16/10/1998	5	.	8	.	0	get it	
smg-29	25/06/1999	5	.	9	.	0	get it	
ETSI Publication	25/07/1999	5	.	9	.	1	get it	

G = required in systems with GERAN 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

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
smg-21 14/02/1997 5 . 1 . 0
smg-24 19/12/1997 5 . 2 . 0
ETSI Publication 19/01/1998 5 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0
[get it](#)
[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](#) *remarks - general:*
remarks - this release: #24: 5.1.0

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* Skov THOMASEN, Gert

history (event, available, version, comments):

smg-20 11/10/1996 5 . 0 . 0

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

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* Skov THOMASEN, Gert

history (event, available, version, comments):

smg-20 11/10/1996 5 . 0 . 0
smg-21 14/02/1997 5 . 1 . 0

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

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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

smg-18 12/04/1996 5 . 1 . 0

smg-25 20/03/1998 5 . 2 . 0

smg-28 12/02/1999 5 . 3 . 0

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

smg-17 02/02/1996 5 . 1 . 0

5 . 2 . 0

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

5 . 7 . 0

5 . 8 . 0

smg-25 5 . 9 . 0

29/06/1998 5 . 10 . 0

smg-29 25/06/1999 5 . 11 . 0

smg-31 bis 17/04/2000 5 . 12 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G2 / - G: yes U:	<i>rapporteur:</i> BLACK, Jyoti <i>MCC:</i> THOMASEN, Gert		MOTOROLA
<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / - G: yes U:	<i>rapporteur:</i> RÄSÄNEN, Juha <i>MCC:</i> BOSWARTHICK, David		NOKIA Corporation
<i>history (event, available, version, comments):</i> smg-20 11/10/1996 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 NP-11 04/04/2001 5 . 4 . 0					
get it <i>remarks - general:</i> get it <i>remarks - this release:</i> get it get it 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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G2 / - G: yes U:	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> THOMASEN, Gert		MOTOROLA A/S
<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G2 / - G: yes U:	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov <i>MCC:</i> THOMASEN, Gert		MOTOROLA A/S
<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 *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:*
remarks - this release:

TS 08.56 BSC-BTS Layer 2; 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 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

R96 *current version:* 5.10.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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
smg-17 02/02/1996 5 . 1 . 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

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

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

3GPP specification status

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ACTIVE specs R96 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: 5.17.1
freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

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

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remarks - general: CN->N4 Apr00 (JMM)

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 R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile
R96	<i>current version:</i> Network (PLMN) 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>
	smg-20 11/10/1996 5 . 0 . 0 get it <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>
	smg-20 11/10/1996 5 . 0 . 0 get it <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>
	smg-20 11/10/1996 5 . 0 . 0 get it <i>remarks - general:</i> N3: "no R99 needed". <i>remarks - this release:</i> #20: 5.0.0

TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet
R96	<i>current version:</i> Switched Data Transmission Services 5.0.2 <i>WG (prime / other):</i> N3 /- <i>rapporteur:</i> BOSWARTHICK, David
ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22 <i>G:</i> yes <i>U:</i> <i>MCC:</i> BOSWARTHICK, David
	<i>history (event, available, version, comments):</i>
	smg-19 28/06/1996 5 . 0 . 0 get it <i>remarks - general:</i> N3: "no R99 needed".
	smg-20 11/10/1996 5 . 0 . 1 get it <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
	ETSI Publication 11/11/1996 5 . 0 . 2 get it

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

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network							
R96	<i>current version:</i> (PSTN)	5.10.1	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert	
SIEMENS AG								
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>							
	smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-17	02/02/1996	5 . 0 . 1	get it	<i>remarks - this release:</i> #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	<i>current version:</i> 5.1.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-22							
	<i>history (event, available, version, comments):</i>		G: yes U:	MCC:	JORGENSEN, Per Johan			
	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			

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling							
R96	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	5.2.0WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB								
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>							
	smg-17	02/02/1996	5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-18	12/04/1996	5 . 1 . 0	get it	<i>remarks - this release:</i> #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 acces; U = required in systems with UMTS access.

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ACTIVE specs R96 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	<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-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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	<to be defined> 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-22 02/01/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-21	<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	withdrawn SMG-30; reinstated NP-16	get it	<i>remarks - general:</i>	
	NP-16 26/06/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	
	edito post NP-18 16/12/2002 5 . 1 . 1	minor editorials to change style from TS to TR.	get it		

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

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ACTIVE specs R96 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00 Digital Cellular Telecommunication System Feature Description

R96 *current version:* 5.2.1 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

smg-19	28/06/1996	5	.	0	.	0	get it <i>remarks - general:</i>
smg-19	28/06/1996	5	.	1	.	0	get it <i>remarks - this release:</i> #19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2 !
smg-20	11/10/1996	5	.	2	.	0	get it
Editorial correction	11/11/1996	5	.	2	.	1	get it

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, 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):

draft	23/07/1997	1	.	0	.	1	get it <i>remarks - general:</i> still alive? June-2001:no. So no propogation to later releases.
smg-22		2	.	0	.	0	<i>remarks - this release:</i>
smg-22	13/06/1997	5	.	0	.	0	get it

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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ACTIVE specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

R96 *current version:* 5.12.2 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP /

T2 /
SCP /
G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version, comments):

	smg-18	12/04/1996	5	.	0	.	0		get it	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently replaced <i>remarks - this release:</i> #31bis: closed (R99 version serves all releases) by Rel-5 equivalent. 2001-11-19: G4-
	smg-21	14/02/1997	5	.	1	.	0		get it	
>G5.	smg-22	13/06/1997	5	.	2	.	0		get it	
	smg-23	17/10/1997	5	.	3	.	0		get it	
	smg-24	19/12/1997	5	.	4	.	0		get it	
	smg-25	20/03/1998	5	.	5	.	0		get it	
	smg-26	06/06/1998	5	.	6	.	0		get it	
	smg-27	16/10/1998	5	.	7	.	0		get it	
	smg-28	12/02/1999	5	.	8	.	0		get it	
	smg-29	25/06/1999	5	.	9	.	0		get it	
	smg-30	11/11/1999	5	.	10	.	0		get it	
	smg-31	16/02/2000	5	.	11	.	0		get it	
Editorial correction		16/02/2000	5	.	11	.	1		get it	
	GP-06	06/09/2001	5	.	12	.	0		get it	
Editorial correction		01/08/2002	5	.	12	.	1		get it	
Editorial correction		02/08/2002	5	.	12	.	2		get it	

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R96 *current version:* 5.1.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP /

T2 /
SCP /
G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version, comments):

	smg-30	11/11/1999	5	.	0	.	0		get it	<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> #32:closed GP-06: Rel-4 serves all releases.
	smg-18	12/04/1996	5	.	0	.	0		get it	
ETSI publication		23/06/2000	5	.	0	.	1		get it	
	GP-06	06/09/2001	5	.	1	.	0		get it	

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

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ACTIVE specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96 *current version:* 5.6.0 *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 T3

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

smg-30 11/11/1999 5 . 0 . 0
smg-31 16/02/2000 5 . 1 . 0

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remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over

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remarks - this release: GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from G5,

this spec from G5, and to approve a new R99 version not derived from R96 by CR;

and to approve a new R99 version not derived from R96 by CR; also to withdraw the also to withdraw the R96 version, since the R99 version will cover all previous R96 version, since the R99 version will cover all previous Releases. Releases.

editorial 15/09/2000 5 . 1 . 1
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

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remarks - general:

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remarks - this release:

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

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ACTIVE specs 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>freeze_meeting:</i> smg-27	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
		<i>G:</i> yes <i>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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT, USAI, Paolino			
		<i>G:</i> yes <i>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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> TRUSS, Michael ZOICAS, Adrian	MOTOROLA Ltd		
		<i>G:</i> yes <i>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 access; U = required in systems with UMTS access.

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ACTIVE specs R96 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> BENDER, James		Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	Editorial correction 17/10/1997 5 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 12.08	Subscriber and Equipment trace					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-25 20/03/1998 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	Editorial correction 20/03/1998 5 . 1 . 1	get it				
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-21 14/02/1997 5 . 0 . 0	get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.			
			<i>remarks - this release:</i>			

Ph2

Ph2 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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ACTIVE specs Ph2 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

Ph2 *current version:* 4.0.2 *WG (prime / other):* S1 / GP / NP *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-11b *MCC:* CLAYTON, Michael

history (event, available, version, comments):
smg-07 25/06/1993 4 . 0 . 1
smg-08 01/10/1993 4 . 0 . 2

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

TR 01.04 Abbreviations and acronyms

Ph2 *current version:* 4.1.2 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-11b *MCC:* USAI, Paolino

history (event, available, version, comments):
smg-08 01/10/1993 4 . 0 . 1
smg-09 21/01/1994 4 . 0 . 3
smg-10 15/04/1994 4 . 0 . 4
smg-11 01/07/1994 4 . 1 . 0
smg-12 07/10/1994 4 . 1 . 1
smg-14 07/04/1994 4 . 1 . 2

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)

Ph2 *current version:* 4.6.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-11b *MCC:* CLAYTON, Michael

history (event, available, version, comments):
smg-07 25/06/1993 4 . 2 . 1
smg-08 01/10/1993 4 . 3 . 0
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-15 07/07/1995 4 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	smg-07	25/06/1993	4 . 1 . 1	get it	<i>remarks - general:</i>		
	smg-08	01/10/1993	4 . 2 . 0	get it	<i>remarks - this release:</i>		
	PT12 final draft	09/05/1994	4 . 2 . 1	get it			
	ETSI publication	10/06/1998	4 . 2 . 2	get it			
<hr/>							
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>						
	smg-07	25/06/1993	4 . 2 . 2	get it	<i>remarks - general:</i>		
	smg-11	01/07/1994	4 . 3 . 0	get it	<i>remarks - this release:</i>		
	ETSI publication	19/01/1996	4 . 3 . 1	get it			
<hr/>							
TS 02.04	General on Supplementary Services						
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> smg-11b	<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-08	01/10/1993	4 . 6 . 0	get it	<i>remarks - this release:</i>		
	smg-10	15/04/1994	4 . 7 . 0	get it			
	smg-12	07/10/1994	4 . 8 . 0	get it			
	smg-15	07/07/1995	4 . 9 . 0	get it			
	smg-16	20/10/1995	4 . 9 . 1	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS 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	<i>current version:</i> 4.5.2	WG (prime / other):	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 . 1 . 1			get it	<i>remarks - general:</i>	
	smg-08 01/10/1993 4 . 2 . 0			get it	<i>remarks - this release:</i>	
	smg-14 07/04/1995 4 . 3 . 0			get it		
	smg-16 07/07/1995 4 . 4 . 0			get it		
	smg-22 13/06/1997 4 . 5 . 0			get it		
	ETSI OAP 21/07/1997 4 . 5 . 1			get it		
	ETSI publication 14/01/1998 4 . 5 . 2			get it		

TS 02.07	Mobile Station (MS) Features					
Ph2	<i>current version:</i> 4.8.2	WG (prime / other):	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 . 4 . 1			get it	<i>remarks - general:</i>	
	smg-08 01/10/1993 4 . 4 . 2			get it	<i>remarks - this release:</i>	
	smg-10 15/04/1994 4 . 5 . 0			get it		
	smg-11 01/07/1994 4 . 6 . 0			get it		
	smg-15 07/07/1995 4 . 7 . 0			get it		
	smg-22 13/06/1997 4 . 8 . 0			get it		
	ETSI OAP 21/07/1997 4 . 8 . 1			get it		
	ETSI publication 14/01/1998 4 . 8 . 2			get it		

TS 02.09	Security aspects					
Ph2	<i>current version:</i> 4.5.1	WG (prime / other):	S3 / S1 / NP	<i>rapporteur:</i>	CHRISTOFFERSSON, Per	Telia Promotor AB
	<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-12 07/10/1994 4 . 3 . 0			get it	<i>remarks - this release:</i>	
	smg-22 13/06/1997 4 . 4 . 0			get it		
	ETSI publication 14/01/1998 4 . 4 . 1			get it		
	smg-31 16/02/2000 4 . 5 . 0			get it		
	ETSI publication 29/08/2000 4 . 5 . 1			get it		

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

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ACTIVE specs Ph2 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility					
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 5 . 1	get it	<i>remarks - general:</i>			
	smg-10 15/04/1994 4 . 6 . 0	get it	<i>remarks - this release:</i>			
	ETSI OAP 21/08/1995 4 . 7 . 0	get it				
	smg-16 20/10/1995 4 . 8 . 0	get it				
	smg-17 02/02/1996 4 . 9 . 0	get it				
<hr/>						
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				
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph2	<i>current version:</i> 4.3.3	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-02 30/08/2001 4 . 1 . 0 167/92	get it	<i>remarks - this release:</i>			
	smg-05 25/06/1993 4 . 2 . 0 98/93	get it				
	.. 30/08/2001 4 . 2 . 1	get it				
	smg-08 4 . 3 . 0					
	.. 01/10/1993 4 . 3 . 1	get it				
	.. 30/08/2001 4 . 3 . 2	get it				
	ETSI PE 01/11/1993 4 . 3 . 2	get it				
	ETSI publication 13/09/1994 4 . 3 . 3	get it				

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 02.24	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			
<hr/>					
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			
<hr/>					
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			
<hr/>					
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 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 02.81 Line Identification Supplementary Services; Stage 1

Ph2 *current version:* 4.6.1
freeze_meeting: smg-11b

WG (prime / other): S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
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

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remarks - general:

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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

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TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 *current version:* 4.5.2
freeze_meeting: smg-11b

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
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

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remarks - general:

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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
freeze_meeting: smg-11b

WG (prime / other): S1 / - *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
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

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remarks - general:

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remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7

[get it](#)

TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.7
freeze_meeting: smg-11b

WG (prime / other): S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
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

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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 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 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.2.6	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 2 . 2	get it	<i>remarks - general:</i>			
	smg-16 20/10/1995 4 . 2 . 6	get it	<i>remarks - this release:</i> #7: 4.2.2 #16: 4.2.6			
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.1.5	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CRAWFORD, Ian	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>			
	smg-16 01/10/1993 4 . 1 . 5	get it	<i>remarks - this release:</i> #7: 4.1.1 #16: 4.1.5			
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph2	<i>current version:</i> 4.4.3	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<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 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 4 . 0	get it	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #16: 4.4.3			
	smg-16 27/01/1995 4 . 4 . 3	get it				
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-21 14/02/1997 4 . 1 . 0	get it	<i>remarks - this release:</i> #8: 4.0.1 #21: 4.1.0			
	ETSI publication 15/09/1997 4 . 1 . 1	get it				

Ph2

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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 03.01	Network Functions					
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7			
	ETSI Publication 25/07/1993 4 . 0 . 4	get it	<i>remarks - this release:</i> #7: 4.0.1			
<hr/>						
TS 03.02	Network Architecture					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-17 02/02/1996 4 . 1 . 0	get it	<i>remarks - this release:</i> #7: 4.0.1 #17: 4.1.0 #18: 4.2.1			
	smg-18 12/04/1996 4 . 2 . 1	get it				
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
Ph2	<i>current version:</i> 4.11.1	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<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 . 6 . 0	get it	<i>remarks - this release:</i>			
	smg-09 21/01/1994 4 . 8 . 0	get it				
	smg-12 07/10/1994 4 . 9 . 0	get it				
	NP-07 17/03/2000 4 . 10 . 0	get it				
	NP-08 23/06/2000 4 . 11 . 0	get it				
	Editorial 04/01/2001 4 . 11 . 1	get it				
<hr/>						
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> N4 / SPAN / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<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 . 0 . 1	get it	<i>remarks - general:</i>			
	Publication 19/01/1996 4 . 0 . 4	get it	<i>remarks - this release:</i> #7: 4.0.1			

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05	Technical performance objectives				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-19 28/06/1996 4 . 1 . 0	get it	<i>remarks - this release:</i> #7: 4.0.0 #19:4.1.0		
<hr/>					
TS 03.07	Restoration Procedures				
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	Chalmers		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo		
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>		
	Publication 19/01/1996 4 . 3 . 1	get it			
<hr/>					
TS 03.08	Organization of Subscriber Data				
Ph2	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 5 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 5 . 1	get it	<i>remarks - this release:</i>		
	smg-09 21/01/1994 4 . 6 . 0	get it			
	smg-10 15/04/1994 4 . 7 . 0	get it			
	smg-18 12/04/1996 4 . 8 . 0	get it			
<hr/>					
TS 03.09	Handover Procedures				
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0		
	smg-09 21/01/1994 4 . 2 . 1	get it			
	smg-10 15/04/1994 4 . 3 . 0	get it			
	smg-11 01/07/1994 4 . 4 . 0	get it			
	smg-12 07/10/1994 4 . 5 . 0	get it			
	smg-17 02/02/1996 4 . 6 . 0	get it			

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph2 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
Publication 13/09/1994 4 . 3 . 1 [get it](#)

TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 4 . 4 . 0 [get it](#) *remarks - general:*
ETSI public enquiry 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*
smg-09 4 . 5 . 0 [get it](#)
smg-10 4 . 6 . 0 [get it](#)
smg-11 4 . 7 . 0 [get it](#)
smg-12 24/10/2002 4 . 8 . 0 ETSI vote version [get it](#)
ETSI publication 24/10/2002 4 . 8 . 1 [get it](#)
smg-14 24/10/2002 4 . 9 . 0 ETSI oap version [get it](#)
ETSI publication 24/10/2002 4 . 9 . 1 [get it](#)
ETSI public enquiry 4 . 10 . 0
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0*
Publication 13/09/1994 4 . 4 . 2 [get it](#)

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
Publication 13/09/1994 4 . 0 . 4 [get it](#) *remarks - this release: #7: 4.0.1*

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ACTIVE specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<i>MCC:</i> CHALMERS, Kimmo			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 2 . 0		get it	<i>remarks - general:</i>		
	smg-10 15/04/1994 4 . 3 . 0		get it	<i>remarks - this release:</i> #7: 4.2.0 #10: 4.3.0		
	Publication 13/09/1994 4 . 3 . 1		get it			
<hr/>						
TS 03.16	Subscriber Data Management					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<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			
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TS 03.20	Security-related Network Functions					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version, 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			

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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>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
		G: yes U:	Skov	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					
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TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator						
Ph2	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S			
		G: yes U:	Skov	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					
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TR 03.30	Radio Network Planning Aspects						
Ph2	<i>current version:</i> 4.3.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB			
		G: yes U:	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					
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TS 03.38	Alphabets and language-specific information						
Ph2	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited			
		G: yes U:	RODERMUND, Friedhelm				
	<i>history (event, available, version, comments):</i>						
	smg-10 15/04/1994 4 . 0 . 0	get it	<i>remarks - general:</i>				
	Publication 13/09/1994 4 . 0 . 1	get it	<i>remarks - this release:</i>	#10: 4.0.0			

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TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

Ph2 *current version:* 4.13.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-10	15/04/1994	4	.	8	.	1
smg-11	01/07/1994	4	.	9	.	0
smg-15	07/07/1995	4	.	11	.	0
smg-16	20/10/1995	4	.	12	.	0
smg-18	12/04/1996	4	.	13	.	0

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

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-07	25/06/1993	4	.	4	.	1
smg-08	01/10/1993	4	.	5	.	0
smg-09	21/01/1994	4	.	6	.	0
smg-10	15/04/1994	4	.	7	.	0
smg-11	01/07/1994	4	.	8	.	0
smg-12	07/10/1994	4	.	9	.	0
smg-13	27/01/1995	4	.	10	.	0
smg-16	20/10/1995	4	.	11	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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[get it](#)
[get it](#)
[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
Editorial	19/01/1996	4	.	1	.	2

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

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)				
Ph2	<i>current version:</i> 4.0.1 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
		G: yes U:	MCC:	RODERMUND, Friedhelm	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it		<i>remarks - general:</i>	
	Editorial 30/07/1998 4 . 0 . 1	get it		<i>remarks - this release:</i>	
<hr/>					
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent				
Ph2	<i>current version:</i> 4.5.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
		G: yes U:	MCC:	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>	
	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			
<hr/>					
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent				
Ph2	<i>current version:</i> 4.1.2 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
		G: yes U:	MCC:	BOSWARTHICK, David	
	<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>	
	smg-11 01/07/1994 4 . 1 . 0	get it			
	Publication 19/01/1996 4 . 1 . 2	get it			
<hr/>					
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)				
Ph2	<i>current version:</i> 4.4.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
		G: yes U:	MCC:	RODERMUND, Friedhelm	
	<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>	
	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 access; U = required in systems with UMTS access.

3GPP specification status

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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	current version: 4.6.0 freeze_meeting: smg-11b	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
		G: yes U:	MCC: RODERMUND, Friedhelm		
	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 #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			

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
Ph2	current version: 4.6.1 freeze_meeting: smg-11b	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, comments):				
	smg-08 01/10/1993 4 . 0 . 0	get it	remarks - general:		
	smg-09 21/01/1994 4 . 1 . 0	get it	remarks - this release: #8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0		
	smg-15 07/07/1995 4 . 2 . 0	get it			
	smg-24 19/12/1997 4 . 3 . 0	get it			
	smg-25 20/03/1998 4 . 4 . 0	get it			
	smg-27 16/10/1998 4 . 5 . 0	get it			
	smg-28 12/02/1999 4 . 6 . 0	get it			
	Editorial 12/03/1999 4 . 6 . 1	get it			

TS 03.70	Routing of Calls to/from Public Data Networks (PDN)				
Ph2	current version: 4.0.3 freeze_meeting: smg-11b	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version, comments):				
	smg-07 25/06/1993 4 . 0 . 0	get it	remarks - general: N3: "no R99 needed".		
	smg-08 01/10/1993 4 . 0 . 1	get it	remarks - this release: #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.

3GPP specification status

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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
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 25/06/1993 4 . 1 . 0
smg-09 01/10/1993 4 . 2 . 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

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

[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

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 *current version:* 4.8.1
freeze_meeting: smg-11b
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

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

[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
freeze_meeting: smg-11b
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

WG (prime / other): N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* KYMALAINEN, Kimmo

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

3GPP specification status

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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 (MPY) 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 <i>remarks - general:</i>
smg-09	21/01/1994	4	.	2	.	0	get it <i>remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0</i>
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 <i>remarks - general:</i>
smg-08	01/10/1993	4	.	1	.	0	get it <i>remarks - this release:</i>
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 <i>remarks - general:</i>
smg-08	01/10/1993	4	.	2	.	0	get it <i>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</i>
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 <i>remarks - general:</i>
smg-10	15/04/1994	4	.	5	.	0	get it <i>remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0</i>
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 <i>remarks - general:</i>
smg-15	07/07/1995	4	.	1	.	0	get it <i>remarks - this release: #8: 4.0.0 #15: 4.1.0</i>
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:* Skov JORGENSEN, Per Johan

history (event, available, version, comments):

smg-07	25/06/1993	4	.	0	.	1	get it <i>remarks - general:</i>
ETSI publication	19/01/1996	4	.	0	.	4	get it <i>remarks - this release: #7: 4.0.1</i>

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:* Skov JORGENSEN, Per Johan

history (event, available, version, comments):

smg-07	25/06/1993	4	.	0	.	1	get it <i>remarks - general:</i>
ETSI publication	19/01/1996	4	.	0	.	4	get it <i>remarks - this release: #7: 4.0.1</i>

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

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ACTIVE specs Ph2 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>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken THOMASEN, Gert	SIEMENS AG	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i>	G: yes U:	MCC:		
	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 acces; U = required in systems with UMTS access.

3GPP specification status

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ACTIVE specs Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-07 25/06/1993 4 . 1 . 1
smg-10 15/04/1994 4 . 2 . 0
smg-12 07/10/1994 4 . 3 . 0
ETSI Publication 07/11/1997 4 . 3 . 1

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

[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 Ph2 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph2 *current version:* 4.24.0
freeze_meeting: smg-11b

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-07	25/06/1993	4	.	5	.	0
smg-08	01/10/1993	4	.	6	.	0
smg-09	21/01/1994	4	.	7	.	0
smg-10	15/04/1994	4	.	8	.	0
smg-11	01/07/1994	4	.	9	.	0
smg-12	07/10/1994	4	.	10	.	0
smg-14	07/04/1995	4	.	11	.	0
smg-15	07/07/1995	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
ETSI publication	09/01/1997	4	.	16	.	1
smg-20	11/10/1996	4	.	17	.	0
ETSI publication	12/05/1997	4	.	17	.	1
smg-21	14/02/1997	4	.	18	.	0
ETSI PE	15/08/1997	4	.	19	.	1
ETSI publication	31/12/1997	4	.	19	.	2
smg-23	17/10/1997	4	.	20	.	1
smg-24	19/12/1997	4	.	21	.	0
ETSI publication	26/06/1998	4	.	21	.	1
smg-25	20/03/1998	4	.	22	.	0
ETSI publication	23/10/1998	4	.	22	.	1
smg-28	12/02/1999	4	.	23	.	0
ETSI publication	05/10/1999	4	.	23	.	1
NP-18	02/01/2003	4	.	24	.	0

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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.

3GPP specification status

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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 Skov

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

history (event, available, version, comments):

smg-07	25/06/1993	4 . 4 . 0
smg-08	01/10/1993	4 . 5 . 0
smg-09	21/01/1994	4 . 6 . 0
smg-10	15/04/1994	4 . 7 . 0
smg-11	01/07/1994	4 . 8 . 0
smg-13	27/01/1995	4 . 9 . 0
smg-17	02/02/1996	4 . 10 . 0
Editorial	02/03/1996	4 . 10 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-11b *MCC:* JORGENSEN, Per Johan

G: yes *U:*

history (event, available, version, comments):

smg-07	25/06/1993	4 . 3 . 0
smg-08	01/10/1993	4 . 4 . 0
smg-10	15/04/1994	4 . 5 . 0
smg-11	01/07/1994	4 . 6 . 0
smg-12	07/10/1994	4 . 7 . 0
smg-14	07/04/1995	4 . 8 . 0
smg-16	20/10/1995	4 . 9 . 0
smg-17	02/02/1996	4 . 10 . 0
NP-09	04/10/2000	4 . 11 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels Peter 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 . 1 . 1
smg-10	15/04/1994	4 . 2 . 0
smg-11	01/07/1994	4 . 3 . 0
smg-12	07/10/1994	4 . 4 . 0
smg-16	20/10/1995	4 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0
[get it](#)
[get it](#)

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

3GPP specification status

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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 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-10	15/04/1994	4	.	0	.	0	get it	<i>remarks - general:</i>
smg-14	07/04/1995	4	.	0	.	2	get it	<i>remarks - this release:</i> #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0
smg-15	07/07/1995	4	.	1	.	0	get it	
smg-16	20/10/1995	4	.	2	.	0	get it	

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
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> #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version of ETS replacing OAP version
smg-11	01/07/1994	4	.	4	.	0	get it	
smg-13	27/01/1995	4	.	5	.	0	get it	
smg-14	07/04/1995	4	.	6	.	0	get it	
published version of ETS replacing OAP v	02/03/2000	4	.	6	.	1	get it	

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching

Ph2 *current version:* Centre (BSS - MSC) interface 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG

freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-07	25/06/1993	4	.	2	.	2	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	3	.	0	get it	<i>remarks - this release:</i> #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0
smg-13	27/01/1995	4	.	4	.	0	get it	
smg-25	20/03/1998	4	.	5	.	0	get it	
Editorial	20/04/1998	4	.	5	.	1	get it	

G = required in systems with GERAN 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 04.80 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 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 04.84	Multi Party (MPY) Supplementary Services; Stage 3				
Ph2	<i>current version:</i> 4.3.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<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 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 3 . 0	get it	<i>remarks - this release: #7: 4.2.0 #9: 4.3.0</i>		
	ETSI Publication 21/02/1994 4 . 3 . 2	get it			
<hr/>					
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3				
Ph2	<i>current version:</i> 4.1.1	<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 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-18 12/04/1996 4 . 1 . 0	get it	<i>remarks - this release: #7: 4.0.0 #18: 4.1.0</i>		
	Editorial 12/05/1996 4 . 1 . 1	get it			
<hr/>					
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
Ph2	<i>current version:</i> 4.5.2	<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 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 4 . 0	get it	<i>remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0</i>		
	smg-11 01/07/1994 4 . 5 . 0	get it			
	ETSI Publication 14/03/1995 4 . 5 . 2	get it			
<hr/>					
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
Ph2	<i>current version:</i> 4.7.1	<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 . 6 . 0	get it	<i>remarks - general:</i>		
	smg-17 02/02/1996 4 . 7 . 0	get it	<i>remarks - this release: #7: 4.6.0 #17: 4.7.0</i>		
	Editorial 02/03/1996 4 . 7 . 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 04.90 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, Benoit	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0		
	smg-15 07/07/1995 4 . 3 . 0	get it			
	smg-21 14/02/1997 4 . 4 . 0	get it			
	smg-22 13/06/1997 4 . 5 . 0	get it			
	Editorial 13/07/1997 4 . 5 . 1	get it			
<hr/>					
TS 05.04	Modulation				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoit	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 13/09/1994 4 . 0 . 3	get it	<i>remarks - this release:</i>		

G = required in systems with GERAN 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 05.05 Radio Transmission and Reception

Ph2 *current version:* 4.23.1

freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-13	27/01/1995	4	.	10	.	0
smg-14	07/04/1995	4	.	11	.	0
smg-16	20/10/1995	4	.	13	.	0
smg-17	02/02/1996	4	.	14	.	0
smg-18	12/04/1996	4	.	15	.	0
smg-19	28/06/1996	4	.	16	.	0
smg-20	11/10/1996	4	.	17	.	0
smg-21	14/02/1997	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-26	26/06/1998	4	.	22	.	0
smg-29	25/06/1999	4	.	23	.	0
ETSI Publication	17/12/1999	4	.	23	.	1

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

3GPP specification status

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ACTIVE specs Ph2 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

Ph2 *current version:* 4.22.1
freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-11	01/07/1994	4	.	10	.	0
smg-12	07/10/1994	4	.	11	.	0
smg-13	27/01/1995	4	.	12	.	0
smg-14	07/04/1995	4	.	13	.	0
smg-15	07/07/1995	4	.	14	.	0
smg-16	20/10/1995	4	.	15	.	0
smg-17	02/02/1996	4	.	16	.	0
smg-18	12/04/1996	4	.	17	.	0
smg-19	28/06/1996	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-27	16/10/1998	4	.	22	.	0
ETSI Publication	09/03/1999	4	.	22	.	1

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TS 05.10 Radio subsystem synchronization

Ph2 *current version:* 4.9.0
freeze_meeting: smg-11b

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-07	25/06/1993	4	.	2	.	0
smg-08	01/10/1993	4	.	3	.	0
smg-09	21/01/1994	4	.	4	.	0
smg-13	27/01/1995	4	.	5	.	0
smg-14	07/04/1995	4	.	6	.	0
smg-16	20/10/1995	4	.	7	.	0
smg-17	02/02/1996	4	.	8	.	0
smg-18	12/04/1996	4	.	9	.	0

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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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	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-18 12/04/1996 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #18: 4.0.0		
<hr/>					
TR 05.50	Background for RF Requirements				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	Skov		
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> USAI, Paolino		
	smg-08 01/10/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 1 . 0	get it	<i>remarks - this release:</i> #8: 4.0.0 #13: 4.1.0 #17: 4.2.0		
	smg-17 02/02/1996 4 . 2 . 0	get it			
<hr/>					
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 4 . 1 . 0		<i>remarks - general:</i>		
	smg-08 4 . 2 . 0		<i>remarks - this release:</i>		
	ETSI publication 15/02/1994 4 . 2 . 1	get it			
	smg-15 15/08/1995 4 . 3 . 0	get it			

Ph2 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions				
Ph2	<i>current version:</i> 4.0.7	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 2	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 4 . 0 . 6	get it	<i>remarks - this release:</i>		
	ETSI Publication 07/04/1998 4 . 0 . 7	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 06.02	Half Rate Speech Processing Functions					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	<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-16 20/10/1995 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0			
	smg-17 02/02/1996 4 . 1 . 0	get it				
	smg-23 17/10/1997 4 . 2 . 0	get it				
	Editorial 17/11/1997 4 . 2 . 1	get it				
<hr/>						
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, 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	<i>G: yes U:</i>	<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 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 06.10	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: #7: 4.0.1 #23: 4.0.5</i>			
	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: #7: 4.0.1</i>			
	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: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0</i>			
	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				
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.0.5	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-23 17/10/1997 4 . 0 . 5	get it	<i>remarks - this release:</i> #7: 4.0.1 #23: 4.0.5			
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-13 27/01/1995 4 . 1 . 0	get it	<i>remarks - this release:</i> #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0			
	smg-17 02/02/1996 4 . 2 . 0	get it				
	smg-23 17/10/1997 4 . 3 . 0	get it				
	Editorial 17/11/1997 4 . 3 . 1	get it				

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

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 19/02/1995 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0			
<hr/>						
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-15 07/07/1995 4 . 1 . 0	get it	<i>remarks - this release:</i> #13: 4.0.0 #15: 4.1.0			
	Editorial 07/08/1995 4 . 1 . 1	get it				
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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				
<hr/>						
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-23 17/10/1997 4 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

G = required in systems with GERAN 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 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-22 13/06/1997 4 . 0 . 0			get it	<i>remarks - general:</i>
	ETSI publication 29/09/1998 4 . 0 . 1			get it	<i>remarks - this release:</i>
	smg-32 20/06/2000 4 . 1 . 0			get it	
	SP-10 20/12/2000 4 . 2 . 0			get it	
<hr/>					
TR 06.55	Performance characterisation of the GSM EFR Speech Codec				
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-22 13/06/1997 4 . 0 . 0			get it	<i>remarks - general:</i>
					<i>remarks - this release: #22: 4.0.0</i>
<hr/>					
TS 06.60	Enhanced full rate speech transcoding				
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-23 17/10/1997 4 . 0 . 0			get it	<i>remarks - general:</i>
	smg-25 20/03/1998 4 . 1 . 0			get it	<i>remarks - this release: #23: 4.0.1 #25: 4.1.0</i>
	ETSI Publication 24/08/2000 4 . 1 . 1			get it	
<hr/>					
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-22 13/06/1997 4 . 0 . 0			get it	<i>remarks - general:</i>
	Editorial 13/07/1997 4 . 0 . 1			get it	<i>remarks - this release: #22: 4.0.0</i>
<hr/>					
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	smg-23 17/10/1997 4 . 0 . 1			get it	<i>remarks - general:</i>
					<i>remarks - this release: #23: 4.0.1</i>

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

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ACTIVE specs Ph2 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 7 . 0 [get it](#)
smg-13 27/01/1995 4 . 8 . 0 [get it](#)
smg-15 07/07/1995 4 . 9 . 0 [get it](#)
smg-16 20/10/1995 4 . 10 . 0 [get it](#)

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

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ACTIVE specs Ph2 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-07	25/06/1993	4	.	4	.	0	get it <i>remarks - general:</i>
smg-09	21/01/1994	4	.	4	.	2	get it <i>remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0</i>
smg-11	01/07/1994	4	.	5	.	0	get it
Editorial	01/08/1994	4	.	5	.	1	get it

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-07	25/06/1993	4	.	4	.	0	get it <i>remarks - general:</i>
smg-09	21/01/1994	4	.	5	.	0	get it <i>remarks - this release: #7: 4.4.0 #9: 4.5.0</i>
Editorial	21/02/1994	4	.	5	.	1	get it

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-07	25/06/1993	4	.	2	.	1	get it <i>remarks - general:</i>
smg-08	01/10/1993	4	.	3	.	0	get it <i>remarks - this release:</i>
smg-12	07/10/1994	4	.	4	.	0	get it
smg-16	20/10/1995	4	.	5	.	0	get it
smg-17	02/02/1996	4	.	6	.	0	get it
smg-18	12/04/1996	4	.	7	.	0	get it
smg-20	11/10/1996	4	.	8	.	0	get it
Editorial	11/11/1996	4	.	8	.	1	get it

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

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ACTIVE specs Ph2 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

smg-16	20/10/1995	4	.	0	.	0	get it <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
Skov

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
Skov

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

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

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

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-13	27/01/1995	4	.	8	.	0	get it
smg-15	07/07/1995	4	.	9	.	0	get it
smg-16	20/10/1995	4	.	10	.	0	get it
smg-17	02/02/1996	4	.	11	.	0	get it
smg-23	17/10/1997	4	.	12	.	0	get it
ETSI Publication	23/10/1998	4	.	12	.	1	get it

G = required in systems with GERAN 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 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Ph2	<i>current version:</i> 4.2.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 2 . 3	get it	<i>remarks - this release:</i>		
<hr/>					
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> Skov	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> Skov	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-14 07/04/1995 4 . 2 . 0	get it			
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> Skov	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-07 26/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>		
	smg-13 27/01/1995 4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> Skov	THOMASEN, Gert	
	<i>history (event, available, version, comments):</i>				
	smg-08 01/10/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 13/09/1994 4 . 0 . 2	get it	<i>remarks - this release:</i>		

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

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ACTIVE specs Ph2 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Ph2	<i>current version:</i> 4.9.0 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 3 . 0	get it	<i>remarks - general:</i>		
	smg-08 01/10/1993 4 . 4 . 0	get it	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0		
	smg-09 21/01/1994 4 . 5 . 0	get it			
	smg-10 15/04/1994 4 . 6 . 0	get it			
	smg-13 27/01/1995 4 . 7 . 0	get it			
	smg-15 07/07/1995 4 . 8 . 0	get it			
	smg-16 20/10/1995 4 . 9 . 0	get it			

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
Ph2	<i>current version:</i> 4.4.1 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</i>				
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	smg-13 27/01/1995 4 . 2 . 0	get it	<i>remarks - this release:</i>		
	smg-22 13/06/1997 4 . 3 . 0	get it			
	smg-23 17/10/1997 4 . 4 . 0	get it			
	Editorial 17/11/1997 4 . 4 . 1	get it			

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
Ph2	<i>current version:</i> 4.0.2 <i>freeze_meeting:</i> smg-11b	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov USAI, Paolino	MOTOROLA A/S	
		G: yes U:	MCC:		
	<i>history (event, available, version, comments):</i>				
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	ETSI Publication 19/01/1996 4 . 0 . 2	get it	<i>remarks - this release:</i>		

Ph2

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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 09.01	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 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

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							

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							

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		G: yes	U:		<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:
	smg-09	21/01/1994	4	.	6	.	0	get it	4.11.0 #20: 4.12.0 #27: 4.13.0
	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									
			G: yes	U:		<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		G: yes	U:		<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 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

TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version, comments):

smg-07	25/06/1993	4	.	1	.	0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	2	.	0	get it	<i>remarks - this release:</i> #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0
smg-09	21/01/1994	4	.	3	.	0	get it	
smg-12	07/10/1994	4	.	4	.	0	get it	
smg-13	27/01/1995	4	.	5	.	0	get it	
smg-19	28/06/1996	4	.	6	.	0	get it	
Editorial	28/07/1996	4	.	6	.	1	get it	

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

Ph2 *current version:* 4.2.2 *WG (prime / other):* SPAN / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-11b *G: yes U:* *MCC:*

history (event, available, version, comments):

smg-17		4	.	0	.	0		<i>remarks - general:</i> EN 300 646
ETSI vote	06/02/1997	4	.	1	.	0	get it	<i>remarks - this release:</i> smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.
ETSI publication	16/05/1997	4	.	1	.	1	get it	
smg-22	13/06/1997	4	.	2	.	1	get it	
ETSI publication	26/05/1999	4	.	2	.	2	get it	

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

smg-15	07/07/1995	4	.	5	.	0	get it	<i>remarks - general:</i>
smg-16 ?	20/10/1995	4	.	6	.	0	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	4	.	7	.	0	get it	
smg-19	28/06/1996	4	.	8	.	0	get it	
smg-22	13/06/1997	4	.	9	.	0	get it	

TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 *current version:* 4.0.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

smg-10	15/04/1994	4	.	0	.	0	get it	<i>remarks - general:</i>
Editorial correction	15/05/1994	4	.	0	.	1	get it	<i>remarks - this release:</i> #10: 4.0.0

G = required in systems with GERAN 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 09.94 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 Skov

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

history (event, available, version, comments):

smg-14 07/04/1995 4 . 0 . 0 [get it](#)
smg-15 07/07/1995 4 . 1 . 0 [get it](#)

remarks - general:

remarks - this release: v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.

smg-16 20/10/1995 4 . 2 . 0 [get it](#)
smg-19 28/06/1996 4 . 3 . 0 [get it](#)
smg-23 17/10/1997 4 . 4 . 0 [get it](#)
smg-30 11/11/1999 4 . 5 . 0 [get it](#)
NP-16 26/06/2002 4 . 6 . 0 [get it](#)

edito post NP-18 16/12/2002 4 . 6 . 1 [get it](#) minor editorials to change style from TS to TR.

Ph2 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 *current version:* 4.29.0 *WG (prime / other):* G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b

NP /
T2 /
SCP /
G4

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

smg-16	20/10/1995	4	.	13	.	0	get it	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
smg-17	02/02/1996	4	.	14	.	0	get it	<i>remarks - this release:</i>	#31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases. by Rel-
5 equivalent. 2001-11-19: G4->G5.									
smg-18	12/04/1996	4	.	15	.	0	get it		
smg-19	28/06/1996	4	.	16	.	0	get it		
smg-20	11/10/1996	4	.	17	.	0	get it		
smg-21	14/02/1997	4	.	18	.	0	get it		
smg-22	13/06/1997	4	.	19	.	0	get it		
smg-23	17/10/1997	4	.	20	.	0	get it		
smg-24	19/10/1997	4	.	21	.	0	get it		
smg-25	20/03/1998	4	.	22	.	0	get it		
smg-26	26/06/1998	4	.	23	.	1	get it		
smg-27	16/10/1998	4	.	24	.	0	get it		
smg-28	12/02/1999	4	.	25	.	0	get it		
smg-29	25/06/1999	4	.	26	.	0	get it		
smg-30	11/11/1999	4	.	27	.	0	get it		
smg-31	16/02/2000	4	.	28	.	0	get it		
ETSI Publication	08/09/2000	4	.	28	.	1	get it		
GP-06	06/09/2001	4	.	29	.	0	get it		

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 *current version:* 4.16.0 *WG (prime / other):* G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b

NP /
T2 /
SCP /
G4

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

smg-16	20/10/1995	4	.	13	.	0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
smg-17	02/02/1996	4	.	14	.	0	get it	<i>remarks - this release:</i>	GP-06: Rel-4 serves all releases.
smg-18	12/04/1996	4	.	15	.	0	get it		
GP-06	06/09/2001	4	.	16	.	0	get it		

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

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 current version: 4.34.0
freeze_meeting: smg-11b
WG (prime / other): G5 / S1 / NP / T2 / SCP / G4
rapporteur: SALMERON, Lidia
TELEPLUS LIMITED

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

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
ETSI publication	27/01/1997	4	.	16	.	1
smg-20	11/10/1996	4	.	17	.	0
ETSI publication	04/06/1997	4	.	17	.	1
smg-21	14/02/1997	4	.	18	.	0
ETSI publication	11/09/1997	4	.	18	.	1
smg-22	13/06/1997	4	.	19	.	0
ETSI publication	02/02/1998	4	.	19	.	1
smg-23	17/10/1997	4	.	20	.	0
ETSI publication	11/05/1998	4	.	20	.	1
smg-24	19/12/1997	4	.	21	.	0
ETSI publication	24/08/1998	4	.	21	.	1
smg-25	20/03/1998	4	.	22	.	0
ETSI publication	23/10/1998	4	.	22	.	1
smg-26	26/06/1998	4	.	23	.	0
ETSI publication	16/12/1998	4	.	23	.	1
smg-27	16/10/1998	4	.	24	.	0
ETSI publication	08/04/1999	4	.	24	.	1
smg-28	12/02/1999	4	.	25	.	0
ETSI publication	25/08/1999	4	.	25	.	1
smg-29	25/06/1999	4	.	26	.	0
ETSI publication	23/12/1999	4	.	26	.	1
smg-30	11/11/1999	4	.	27	.	0
ETSI publication	23/06/2000	4	.	27	.	1
smg-31	16/02/2000	4	.	28	.	0
ETSI publication	05/10/2000	4	.	28	.	1
smg-32	20/06/2000	4	.	29	.	0
GP-02	01/12/2000	4	.	30	.	0
GP-03	25/01/2001	4	.	31	.	0

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

remarks - this release: GP-06: Rel-4 serves all releases.

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

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

GP-04	11/04/2001	4 . 32 . 0	get it
GP-05	28/06/2001	4 . 33 . 0	get it
GP-06	06/09/2001	4 . 34 . 0	get it

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph2 *current version:* 4.21.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

smg-07	25/06/1993	4 . 8 . 0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4 . 9 . 0	get it	<i>remarks - this release:</i>
smg-09	21/01/1994	4 . 10 . 0	get it	
smg-10	15/04/1994	4 . 11 . 0	get it	
smg-11	01/07/1994	4 . 12 . 0	get it	
smg-12	07/10/1994	4 . 13 . 0	get it	
smg-13	27/01/1995	4 . 14 . 0	get it	
smg-15	07/04/1995	4 . 15 . 0	get it	
smg-16	20/10/1995	4 . 16 . 0	get it	
smg-18	12/04/1996	4 . 17 . 0	get it	
smg-19	28/06/1996	4 . 18 . 0	get it	
smg-22	13/06/1997	4 . 19 . 0	get it	
smg-25	20/03/1998	4 . 20 . 0	get it	
smg-29	25/06/1999	4 . 21 . 0	get it	
ETSI Publication	17/12/1999	4 . 21 . 1	get it	

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

Ph2 *current version:* 4.3.1 *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

smg-15	07/07/1995	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	4 . 1 . 0	get it	<i>remarks - this release:</i>
ETSI vote	05/08/1996	4 . 1 . 1	get it	
ETSI publication	19/12/1996	4 . 1 . 2	get it	
smg-21	14/02/1997	4 . 2 . 0	get it	
ETSI publication	26/08/1997	4 . 2 . 1	get it	
smg-23	17/10/1997	4 . 3 . 0	get it	
ETSI publication	07/04/1998	4 . 3 . 1	get it	

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

3GPP specification status

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
Ph2	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<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 Electronical Parameters, Application of Standards and Guidance Notes				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	<to be defined> 4 . 0 . 0		<i>remarks - general:</i>		
	smg-21 14/02/1997 4 . 1 . 3	get it	<i>remarks - this release:</i> .		
	smg-31 bis 17/04/2000 4 . 2 . 0	get it			

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

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ACTIVE specs Ph2 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.23 GSM Signalling Aspects Base Station System equipment Specification

Ph2 *current version:* 4.9.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-11	01/07/1994	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
smg-16	20/10/1995	4	.	2	.	0
smg-17	02/02/1996	4	.	3	.	0
smg-18	12/04/1996	4	.	4	.	0
smg-19	28/06/1996	4	.	5	.	0
smg-21	14/02/1997	4	.	6	.	0
smg-22	13/06/1997	4	.	7	.	0
smg-23	17/10/1997	4	.	8	.	0
smg-25	20/03/1998	4	.	9	.	0
Editorial	20/10/1998	4	.	9	.	1

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remarks - general:

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remarks - this release: Not progressed to Ph2+ because no regulatory requirement.

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TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-14	07/04/1995	4	.	0	.	0
smg-20	11/10/1996	4	.	1	.	0
smg-25	20/03/1998	4	.	2	.	0
smg-27	16/10/1998	4	.	3	.	0
Editorial correction	16/10/1998	4	.	3	.	1

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remarks - general:

[get it](#)

remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

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TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-15	07/07/1995	4	.	0	.	0
smg-17	02/02/1996	4	.	1	.	0
smg-18	12/04/1996	4	.	2	.	0
smg-20	11/10/1996	4	.	2	.	2

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remarks - general:

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remarks - this release:

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

3GPP specification status

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ACTIVE specs Ph2 12 .- series
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Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.00 Objectives and Structure of GSM Public Land Mobile Network (PLMN) Management

Ph2 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, 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 access; U = required in systems with UMTS access.

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03	Security Management					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5	/ S1 /	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-11b		NP			
		G: yes	U:	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	smg-11 01/07/1994 4 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-14 07/04/1995 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	smg-17 02/02/1996 4 . 2 . 0	get it				
	Editorial 02/02/1996 4 . 2 . 1	get it				

TS 12.04	Performance data measurements					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5	/ S1 /	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-11b		NP			
		G: yes	U:	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-11 01/07/1994 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	smg-13 27/01/1995 4 . 2 . 0	get it				
	smg-17 02/02/1996 4 . 3 . 0	get it				
	Editorial correction 02/02/1996 4 . 3 . 1	get it				

TS 12.05	Subscriber Related Call and Event Data					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5	/ S1	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-11b	G: yes	U:	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version, comments):</i>					
	smg-08 01/10/1993 4 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-11 01/07/1994 4 . 1 . 0	get it		<i>remarks - this release:</i>		
	smg-15 07/07/1995 4 . 1 . 1	get it				
	smg-17 02/02/1996 4 . 2 . 0	get it				
	smg-22 13/06/1997 4 . 3 . 0	get it				
	Editorial correction 13/06/1997 4 . 3 . 1	get it				

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

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ACTIVE specs Ph2 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1 *WG (prime / other):* S5 / NP *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

smg-11	01/07/1994	4	.	0	.	0	get it <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	<i>remarks - general:</i>
smg-11	01/07/1994	4	.	1	.	0	get it	<i>remarks - this release:</i> #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0
smg-13	27/01/1995	4	.	1	.	1	get it	
smg-17	02/02/1996	4	.	2	.	0	get it	
Editorial correction	02/02/1996	4	.	2	.	1	get it	

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

		4	.	0	.	0		<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.
smg-07	25/06/1993	4	.	1	.	0	get it	<i>remarks - this release:</i>
smg-08	01/10/1993	4	.	2	.	0	get it	
smg-09	21/01/1994	4	.	3	.	0	get it	
smg-11	01/07/1994	4	.	4	.	0	get it	
smg-13	27/01/1995	4	.	5	.	0	get it	
smg-16	20/10/1995	4	.	5	.	2	get it	
ETSI publication		4	.	5	.	4		
smg-21	14/02/1997	4	.	6	.	0	get it	

TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G3 / S5 *rapporteur:* YUHAN, Albert T-Mobile USA Inc.
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-11	01/07/1994	4	.	0	.	0	get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.
smg-13	27/01/1995	4	.	1	.	0	get it	<i>remarks - this release:</i>
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 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

TR 12.30 ETSI Object Identifier Tree; Mobile Domain O&M

Ph2 *current version:* 4.2.0
freeze_meeting: smg-11b
history (event, available, version, comments):
smg-10 15/04/1994 4 . 0 . 0
smg-11 01/07/1994 4 . 1 . 0
smg-15 07/07/1995 4 . 2 . 0

WG (prime / other): S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #10: 4.0.0 #11: 4.1.0 #15: 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
freeze_meeting: smg-11b
history (event, available, version, comments):

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.1.0 #18: 4.2.0 #21: 4.2.1 #22: 4.3.0 #24: 4.4.0 #29:
4.5.0 (was originally 13.01)

TS TBR20 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph2 *current version:* none
freeze_meeting: smg-11b
history (event, available, version, comments):

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #14: Ed1 #16: 4.0.0 #17: 4.0.1 Feb97: 4.0.2

TS TBR31 General Attachment Requirements for DCS Mobile Stations

Ph2 *current version:* none
freeze_meeting: smg-11b
history (event, available, version, comments):

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

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

3GPP specification status

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ACTIVE specs Ph2 TB .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, comments):
remarks - general:
remarks - this release: #17: 4.0.0

Ph1-EXT

Ph1-EXT 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
freeze_meeting: GP Sebastien
G: yes U: *MCC:* POPE, Maurice
history (event, available, version, comments):
smg-07 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: JORGENSEN, Per Johan
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen
remarks - this release: (even numbered CRs!)

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

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ACTIVE specs Ph1-EXT 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1-EXT 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov

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

history (event, available, version, comments):
smg-07 01/01/1995 3 . 0 . 0

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

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov

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

history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-DCS

Ph1-DCS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

Ph1-DCS *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: CLAYTON, Michael

history (event, available, version, comments):
01/01/1995 3 . 0 . 0
10/05/1994 3 . 1 . 0
10/01/1994 3 . 2 . 0

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

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

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ACTIVE specs Ph1-DC 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11 Service Accessibility

Ph1-DCS *current version:* 3.1.0
freeze_meeting:

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

history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 0

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

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12 Location Registration Procedures

Ph1-DCS *current version:* 3.0.1
freeze_meeting:

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
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: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-DCS *current version:* 3.1.0
freeze_meeting:

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 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!)

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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

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ACTIVE specs Ph1-DC 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1-DCS *current version:* 3.0.0
freeze_meeting:
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: USAI, Paolino

NOKIA MOBILE PHONES

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

TS 05.05 Radio Transmission and Reception

Ph1-DCS *current version:* 3.3.0
freeze_meeting:
history (event, available, version, comments):
smg-07 3 . 2 . 0
smg-08 01/01/1995 3 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: USAI, Paolino

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

TS 05.08 Radio Subsystem Link Control

Ph1-DCS *current version:* 3.0.0
freeze_meeting:
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: USAI, Paolino

VODAFONE Group Plc

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

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-DCS *current version:* 3.0.0
freeze_meeting:
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 0

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

MOTOROLA A/S

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remarks - this release: .

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

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ACTIVE specs Ph1-DC 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

Ph1-DCS **09** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

Ph1-DCS *current version:* 0.0.0 DRAFT *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
03/03/1993 0 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
remarks - this release:

TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DCS *current version:* Procedures and the Mobile Application Part (MAP) 3.0.0 *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 11.10 Mobile Station Conformity Specification

Ph1-DCS *current version:* 3.23.1
freeze_meeting:

WG (prime / other): G4 / S1 / *rapporteur:* LEGRAND, Walter EADS/DSN
G5 /
NP /
T2 /
SCP

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

history (event, available, version, comments):

smg-02		3	.	2	.	0
smg-03		3	.	3	.	0
smg-04bis		3	.	4	.	0
smg-05		3	.	5	.	0
smg-06	28/06/1995	3	.	6	.	0
smg-07	07/06/1996	3	.	7	.	0
smg-08	07/06/1996	3	.	8	.	0
smg-09	07/06/1996	3	.	9	.	0
smg-10	07/06/1996	3	.	10	.	0
smg-11	07/06/1996	3	.	11	.	0
smg-12	07/06/1996	3	.	12	.	0
smg-13	07/06/1996	3	.	13	.	0
last known	01/12/1996	3	.	23	.	1

remarks - general:
remarks - this release:

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[get it](#)
[get it](#)
[get it](#)
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TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1-DCS *current version:* 3.3.4
freeze_meeting:

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

history (event, available, version, comments):

smg-02		3	.	2	.	0
smg-04		3	.	3	.	0
smg-08		3	.	3	.	1
smg-09		3	.	3	.	2
smg-11		3	.	3	.	3
smg-12	21/02/1994	3	.	3	.	4

remarks - general:
remarks - this release:

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3GPP specification status

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ACTIVE specs Ph1-DC 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DCS *current version:* 3.13.0

freeze_meeting:

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

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

remarks - general:
remarks - this release:

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TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1-DCS *current version:* 3.3.0

freeze_meeting:

WG (prime / other): G4 / - *rapporteur:*
G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version, comments):

smg-04	3	.	2	.	0	
smg-11	13/11/1995	3	.	3	.	0

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

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Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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ACTIVE specs Ph1 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: gsm-25b *G: yes U:* MCC: USAI, Paolino
history (event, available, version, comments):
gsm-29 2 . 0 . 3 *remarks - general:*
smg-12 07/10/1994 3 . 0 . 0 *remarks - this release: .*
ETSI publication 01/01/1995 3 . 0 . 1
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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 *remarks - general:*
ETSI publication 01/01/1995 3 . 0 . 1 *remarks - this release: .*
PT12 release 15/02/1992 3 . 2 . 0
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[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 *remarks - general:*
CEPT GSM doc 15/07/1991 3 . 2 . 0 *remarks - this release: .*
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TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.4.1 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: gsm-25b *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version, comments):
CEPT GSM doc 03/01/1991 3 . 4 . 0 *remarks - general:*
edito 22/07/1998 3 . 4 . 1 *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 Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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>					
	ETSI publication 01/01/1995 3 . 2 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 02.07	Mobile Station (MS) Features					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	<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				
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TS 02.09	Security aspects					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,	Telia Promotor AB		
	<i>freeze_meeting:</i> gsm-25b	NP	Per			
	<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>			
<hr/>						
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	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<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>			

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ACTIVE specs Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 3 . 1 . 2	get it	<i>remarks - general:</i>			
	.. 04/01/2002 3 . 2 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 2 . 0	get it				
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version, comments):</i>					
	.. 30/08/2001 3 . 1 . 2	get it	<i>remarks - general:</i>			
	.. 04/01/2002 3 . 2 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 2 . 0	get it				
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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	<i>G: yes U:</i>	<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	<i>G: yes U:</i>	<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> .			

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 02.40	Procedures for Call Progress Indications					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 2 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 6 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph1	<i>current version:</i> 3.6.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 6 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

Ph1 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola		COMVIQ GSM AB	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 1 . 1			get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7	
					<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>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> S2 / NP / T2	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 1 . 4	G: yes U:	<i>MCC:</i> YOON, Sang-Ui			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
Ph1	<i>current version:</i> 3.6.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 6 . 0	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i> <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>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N4 / SPAN / T2	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 1 . 0	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
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TR 03.05	Technical performance objectives					
Ph1	<i>current version:</i> 3.2.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 2 . 0	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.07	Restoration Procedures					
Ph1	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 2 . 1	G: yes U:	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo			
		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 03.08	Organization of Subscriber Data				
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 7 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.09	Handover Procedures				
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types				
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 3 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
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TS 03.11	Technical Realization of Supplementary Services - General Aspects				
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 1 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
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TS 03.12	Location Registration Procedures				
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 3 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13	Discontinuous Reception (DRX) in the GSM System					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G1 / - <i>G:</i> yes <i>U:</i>	<i>rapporteur:</i> USAI, Paolino <i>MCC:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 2		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N1 / - <i>G:</i> yes <i>U:</i>	<i>rapporteur:</i> ZAUS, Robert <i>MCC:</i> JORGENSEN, Per Johan		SIEMENS AG	
<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 2		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.20	Security-related Network Functions					
Ph1	<i>current version:</i> 3.3.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> S3 / NP / GP <i>G:</i> yes <i>U:</i>	<i>rapporteur:</i> NGUYEN NGOC, Sebastien <i>MCC:</i> POPE, Maurice		France Telecom	
<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 3 . 2		get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)					
Ph1	<i>current version:</i> 3.7.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> T2 / - <i>G:</i> yes <i>U:</i>	<i>rapporteur:</i> HARRIS, Ian <i>MCC:</i> RODERMUND, Friedhelm		Teleca Limited	
<i>history (event, available, version, comments):</i> smg-08 3 . 6 . 0 smg-09 01/01/1995 3 . 7 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
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TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)					
Ph1	<i>current version:</i> 3.4.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> T2 / - <i>G:</i> yes <i>U:</i>	<i>rapporteur:</i> HARRIS, Ian <i>MCC:</i> RODERMUND, Friedhelm		Teleca Limited	
<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 4 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43	Support of Videotex								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 0 . 1		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 0 . 1		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
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TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	smg-05 3 . 2 . 0			<i>remarks - general:</i>					
	ETSI publication 01/01/1995 3 . 3 . 0 exists in PDF only		get it	<i>remarks - this release:</i>					
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TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i>								
	ETSI publication 01/01/1995 3 . 2 . 1		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
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TS 03.48	Security mechanisms for SIM application toolkit; Stage 2								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version, comments):</i>								
	09/10/1997 3 . 0 . 1		get it	<i>remarks - general:</i> SMG9->T3@#31					
				<i>remarks - this release:</i> .					

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ACTIVE specs Ph1 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 4 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0		
<hr/>					
TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)				
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
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TS 03.88	Call Barring (CB) supplementary services; Stage 2				
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

Ph1 **04** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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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	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 0 . 1	get it	remarks - general: remarks - this release: .		
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TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration				
Ph1	current version: 3.0.2 freeze_meeting: gsm-25b	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 0 . 2	get it	remarks - general: remarks - this release: .		
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TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
Ph1	current version: 3.0.3 freeze_meeting: gsm-25b	WG (prime / other): G2 / -	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 . 0 . 3	get it	remarks - general: remarks - this release: .		
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TS 04.04	Layer 1 - General Requirements				
Ph1	current version: 3.3.4 freeze_meeting: gsm-25b	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 3 . 4	get it	remarks - general: remarks - this release: .		
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TS 04.05	Data Link (DL) Layer General Aspects				
Ph1	current version: 3.1.5 freeze_meeting: gsm-25b	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, comments): ETSI publication 01/01/1995 3 . 1 . 5	get it	remarks - general: remarks - this release: .		

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Ph1	<i>current version:</i> 3.9.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 9 . 0	G: yes U:	<i>MCC:</i>		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects				
Ph1	<i>current version:</i> 3.3.3 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew JORGENSEN, Per Johan	MOTOROLA Ltd	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 3 . 3	G: yes U:	<i>MCC:</i>		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 04.08	Mobile radio interface layer 3 specification				
Ph1	<i>current version:</i> 3.14.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew JORGENSEN, Per Johan	MOTOROLA Ltd	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 13 . 0 ETSI publication 15/09/1997 3 . 14 . 0	G: yes U:	<i>MCC:</i>		
		get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert Thomasen <i>remarks - this release:</i> . (even numbered CRs!)		
		get it			
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TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
Ph1	<i>current version:</i> 3.2.3 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov KYMALAINEN, Kimmo	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 2 . 3	G: yes U:	<i>MCC:</i>		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
Ph1	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda JORGENSEN, Per Johan	NTT COMWARE Corporation	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 3 . 0	G: yes U:	<i>MCC:</i>		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #5:3.3.0		

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface						
Ph1	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S			
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 2 . 1	G: yes U:	MCC:				
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .				
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TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface						
Ph1	<i>current version:</i> 3.4.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation			
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 4 . 0	G: yes U:	MCC:				
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .				
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TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching						
Ph1	<i>current version:</i> Centre (BSS - MSC) interface SIEMENS AG	3.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC:	BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 7 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
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TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding						
Ph1	<i>current version:</i> 3.2.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software			
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 2 . 0	G: yes U:	MCC:				
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .				
<hr/>							
TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3						
Ph1	<i>current version:</i> 3.1.3 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software			
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 1 . 3	G: yes U:	MCC:				
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .				

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ACTIVE specs Ph1 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 1 . 3

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

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

Ph1 **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1 *current version:* 3.3.2
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 3 . 2

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

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

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph1 *current version:* 3.8.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
smg-15 3 . 7 . 0
smg-16 01/01/1995 3 . 8 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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

TS 05.03 Channel coding

Ph1 *current version:* 3.6.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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remarks - this release: #12: 3.6.1

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ACTIVE specs Ph1 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04	Modulation					
Ph1	<i>current version:</i> 3.1.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 1 . 2			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 05.05	Radio Transmission and Reception					
Ph1	<i>current version:</i> 3.16.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats			
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-04 3 . 14 . 0				<i>remarks - general:</i>	
	smg-06b 3 . 15 . 0				<i>remarks - this release:</i>	
	ETSI publication 01/01/1995 3 . 16 . 0			get it		
<hr/>						
TS 05.08	Radio Subsystem Link Control					
Ph1	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer		VODAFONE Group Plc	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 8 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 05.10	Radio subsystem synchronization					
Ph1	<i>current version:</i> 3.5.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	smg-04 01/01/1995 3 . 5 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
Ph1	06 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/06_series			
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ACTIVE specs Ph1 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 06.10	Full Rate Speech Transcoding					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 2 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
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TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 1 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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ACTIVE specs Ph1 06 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.32 Voice Activity Detection (VAD)
Ph1 *current version:* 3.0.0 *freeze_meeting:* gsm-25b *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new One
G: yes *U:* *MCC:* USAI, Paolino
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 *freeze_meeting:* gsm-25b *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 14 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
Ph1 *current version:* 3.8.0 *freeze_meeting:* gsm-25b *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
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 *freeze_meeting:* gsm-25b *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
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

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

Ph1 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph1 *current version:* 3.0.1 *freeze_meeting:* gsm-25b *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1 *current version:* 3.3.1 *freeze_meeting:* gsm-25b *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 3 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Ph1 *current version:* 3.0.3 *freeze_meeting:* gsm-25b *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 0 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Ph1 *current version:* 3.5.2 *freeze_meeting:* gsm-25b *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 5 . 2 [get it](#) *remarks - general:*
remarks - this release: .

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
Ph1	<i>current version:</i> 3.10.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 10 . 1	G: yes U:	MCC:		get it <i>remarks - general:</i> get it <i>remarks - this release:</i> .
<hr/>					
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Ph1	<i>current version:</i> 3.1.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha BOSWARTHICK, David	NOKIA Corporation	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 1 . 2	G: yes U:	MCC:		get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	MCC:		get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Ph1	<i>current version:</i> 3.0.2 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 2	G: yes U:	MCC:		get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S	
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 0 . 1	G: yes U:	MCC:		get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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ACTIVE specs Ph1 08 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.56	BSC-BTS Layer 2; Specification				
Ph1	<i>current version:</i> 3.1.1 <i>freeze_meeting:</i> gsm-25b	<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> ETSI publication 01/01/1995 3 . 1 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Ph1	<i>current version:</i> 3.6.0 <i>freeze_meeting:</i> gsm-25b	<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> ETSI publication 01/01/1995 3 . 0 . 0 ETSI publication 01/01/1995 3 . 0 . 0 smg-10 01/01/1995 3 . 6 . 0	get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #10: 3.6.0		
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TS 08.59	BSC-BTS O&M Signalling Transport				
Ph1	<i>current version:</i> 3.1.0 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT, USAI, Paolino		
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 1 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
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TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
Ph1	<i>current version:</i> 3.3.1 <i>freeze_meeting:</i> gsm-25b	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i> ETSI publication 01/01/1995 3 . 3 . 1	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. <i>remarks - this release:</i> .		

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ACTIVE specs Ph1 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
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TS 09.02	Mobile Application Part (MAP) Specification					
Ph1	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)			
	ETSI publication 01/01/1995 3 . 11 . 0	get it	<i>remarks - this release:</i>			
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TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile					
Ph1	<i>current version:</i> Network (PLMN)	3.0.1	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David	
	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i> .			
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TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i> .			
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TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access					
Ph1	<i>current version:</i> 3.2.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version, comments):</i>					
	ETSI publication 01/01/1995 3 . 2 . 2	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i> .			

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Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network								
Ph1	<i>current version:</i> (PSTN)	3.10.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b		G: yes U:		<i>MCC:</i>	BOSWARTHICK, David			
<i>history (event, available, version, comments):</i>									
	ETSI publication	01/01/1995	3 . 10 . 0	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0				
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TS 09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN								
Ph1	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	VAINIKKA, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:		<i>MCC:</i>	KYMALAINEN, Kimmo			
<i>history (event, available, version, comments):</i>									
	First complete draft	01/01/1992	1 . 0 . 0	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> gsm-25b		G: yes U:		<i>MCC:</i>	KYMALAINEN, Kimmo			
<i>history (event, available, version, comments):</i>									
	ETSI publication	01/01/1995	3 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication	01/01/1995	3 . 0 . 2	get it	<i>remarks - this release:</i> .				
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
Ph1	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b		G: yes U:		<i>MCC:</i>	KYMALAINEN, Kimmo			
<i>history (event, available, version, comments):</i>									
	ETSI publication	01/01/1995	3 . 0 . 1	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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ACTIVE specs Ph1 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1 *current version:* 3.23.1
freeze_meeting: gsm-25b

WG (prime / other): G4 / S1 / *rapporteur:* LEGRAND, Walter EADS/DSN
G5 /
NP /
T2 /
SCP

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

history (event, available, version, comments):

First complete draft	01/01/1992	1 . 0 . 0	
smg-02		3 . 8 . 0	
smg-03		3 . 9 . 0	
smg-04bis		3 . 10 . 0	
smg-05		3 . 11 . 0	
smg-06		3 . 12 . 0	
smg-07		3 . 13 . 0	
SMG-08		3 . 14 . 0	
smg-28	01/01/1996	3 . 14 . 0	get it
smg-08	07/06/1996	3 . 15 . 0	get it
smg-09	07/06/1996	3 . 16 . 0	get it
smg-10	02/09/1996	3 . 17 . 0	get it
smg-11	02/09/1996	3 . 18 . 0	get it
smg-12	02/09/1996	3 . 19 . 0	get it
smg-13	28/06/1996	3 . 20 . 0	get it
smg-15		3 . 21 . 0	
smg-16	01/01/1996	3 . 22 . 0	get it
smg-20	16/10/1996	3 . 23 . 0	get it
ETSI publication	30/12/1996	3 . 23 . 1	get it

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

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1 *current version:* 3.16.0
freeze_meeting: gsm-25b

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

history (event, available, version, comments):

ETSI publication	01/01/1995	3 . 3 . 3	
ETSI publication	01/01/1995	3 . 16 . 0	

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

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

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ACTIVE specs Ph1 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.30 Mobile Services Switching Centre

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

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

TS 11.31 Home Location Register Specification

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:*
G: yes U: *MCC:* USAI, Paolino

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

TS 11.32 Visitor Location Register Specification

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:*
G: yes U: *MCC:* USAI, Paolino

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

TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1 *current version:* 3.7.0
freeze_meeting: gsm-25b
history (event, available, version, comments):
ETSI publication 01/01/1996 3 . 3 . 0
smg-02 3 . 6 . 0
smg-11 01/01/1996 3 . 7 . 0

WG (prime / other): G4 / - *rapporteur:*
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #2: 3.6.0 #11: 3.7.0
[get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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

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ACTIVE specs Ph1 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.10	Maintenance Provisions for Operational Integrity of MSs					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	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 12.13	Maintenance of the Mobile-services Switching Centre					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 12.14	Maintenance of Location Registers					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
<hr/>						
	Ph1	TB .- series	Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series			
<hr/>						
TS TBR 5	General Attachment Requirements for GSM Mobile Stations					
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i> MSG / -	<i>rapporteur:</i> FREEMAN, David	MOTOROLA		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)			
<hr/>						

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

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

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WITHDRAWN specs <?> 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

WITHDR specs

<?>

<?> 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.234 (reserved for future WLAN I/w stage 1)
<?> current version: none
freeze_meeting:

WG (prime / other): S2 / - rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: YOON, Sang-Ui

history (event, available, version, comments):

remarks - general: Withdrawn: see conclusions (clause 7,3) of 22.934.
remarks - this release: .

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801 (reserved for T1 RF group)
<?> current version: none
freeze_meeting:

WG (prime / other): T1 / rapporteur: N, A Indicate persons who left Company and wait for new One
G: U: yes MCC: SALMERON, Lidia

history (event, available, version, comments):

remarks - general: 2002-09-16: -> 34.901.
remarks - this release: .

Rel-6

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

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

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Stage 2						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3			
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	S2-27 14/11/2002 0 . 1 . 0	get it	<i>remarks - general:</i>	Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.			
	S2-28 0 . 2 . 0		<i>remarks - this release:</i>	.			
	draft 18/12/2002 0 . 2 . 1	get it					
	S2-29 24/02/2003 0 . 3 . 0	get it					
<hr/>							
TS 23.340	(reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui		One		
	<i>history (event, available, version, comments):</i>						
			<i>remarks - general:</i>				
			<i>remarks - this release:</i>	.			
<hr/>							
TR 23.876	Push architecture						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT ICOM			
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	S2-29 0 . 0 . 0		<i>remarks - general:</i>	2003-02-04: -> 23.976			
	S2-29 03/02/2003 0 . 0 . 1	get it	<i>remarks - this release:</i>	2003-02-04: -> 23.976			
	2003-02-04: -> 23.976						
<hr/>							
TR 23.964	Commonality and interoperability between IP Multimedia System (IMS) core networks						
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERTENYI, Balazs	NOKIA Corporation			
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	S2-29 03/02/2003 0 . 3 . 1	get it	<i>remarks - general:</i>	2003-02-03: Renumbered to 23.864.			
	Renumbered to 23.864		<i>remarks - this release:</i>	2003-02-03: Renumbered to 23.864.			

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

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

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

TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")

Rel-6 *current version: none* WG (prime / other): T2 / - *rapporteur:* MUDGE, John VODAFONE Group Plc

freeze_meeting:

G: U: yes

MCC: RODERMUND, Friedhelm

history (event, available, version, comments):

remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional
remarks - this release: provisional TP-18: rapporteur not confirmed.

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

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-6 *current version: none* WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation

freeze_meeting:

G: U: yes

MCC: ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
remarks - this release: SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be 32..42x

and 52.008.

published. Replace with 32.411, 32..42x and 52.008.

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

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6 *current version: none* WG (prime / other): S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new

freeze_meeting:

G: U: yes

MCC: POPE, Maurice

One

history (event, available, version, comments):

remarks - general: WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not to
remarks - this release: . publish, so -> 33.810.

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

G = required in systems with GERAN 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* *freeze_meeting: SP-11* *history (event, available, version, comments):*
WG (prime / other): G1 / *rapporteur: GROSS, Robert* TruePosition Inc.
G: yes U: *MCC: USAI, Paolino*

remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

Rel-6 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version, comments):*
WG (prime / other): T3 / - *rapporteur: DIETRICH, Christian* SchlumbergerSema - Schlumberger Systèmes S.A.
G: yes U: *MCC: DIETZE, Claus*

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

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 *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-5

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

TS 22.141 Presence service; Stage 1

Rel-5 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version, comments):

SP-12 27/06/2001 1 . 0 . 0 SP-010364 (replaces SP-010265) [get it](#)
SP-13 01/10/2001 2 . 0 . 0 SP-010444 [get it](#)
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](#)

remarks - general:
remarks - this release: SP-16: moved to Rel-6

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](#)
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 SP-16: withdrawn. [get it](#)

remarks - general: Replaces 22.946. Note that stage 2 is 23.246.
remarks - this release: SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.

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

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

TS 22.174	Push service; Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> WOLAK, Stephen		VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-15: Timed out of Rel-5.
<hr/>									
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> AMERY, Paul		ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	draft	0 . 5 . 0	S1-020186						<i>remarks - general:</i> Cf work item 'Generic user profile'
	SP-17 16/09/2002	1 . 0 . 0	SP-020568		get it				<i>remarks - this release:</i> SP-15: Delayed to Rel-6
<hr/>									
TS 22.243	Speech recognition framework for automated voice services; Stage 1								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> WILLIAMS, David Hugh		QUALCOMM EUROPE S.A.R.L.		
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	S1 draft	0 . 0 . 2							<i>remarks - general:</i>
	SP-14 02/01/2002	1 . 0 . 0	SP-010680		get it				<i>remarks - this release:</i> SP-15: Delayed to Rel-6.
<hr/>									
TR 22.946	Broadcast and multicast services								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S1 /		<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>								
	SP-12 27/06/2001	1 . 0 . 0	SP-010267		get it				<i>remarks - general:</i> Replaced by 22.146.
									<i>remarks - this release:</i> To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

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

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

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

TS 23.073	Support of Localised Service Area (SoLSA); Stage 2				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / - G: yes U: yes	<i>rapporteur:</i> KYMALAINEN, Kimmo <i>MCC:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann. <i>remarks - this release:</i> SP-16: ->43.073 since applies to GERAN systems only.			
<hr/>					
TS 23.121	Architectural requirements for Release 1999				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S2 / - G: yes U: yes	<i>rapporteur:</i> DANIEL, Elizabeth <i>MCC:</i> YOON, Sang-Ui	Lucent Technologies Network Systems UK	
<i>history (event, available, version, comments):</i> SP-09 5 . 0 . 0		<i>remarks - general:</i> <i>remarks - this release:</i> 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.			
<hr/>					
TS 23.174	Push service; stage 2				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> S2 / G: U: yes	<i>rapporteur:</i> WOLAK, Stephen <i>MCC:</i> YOON, Sang-Ui	VODAFONE Group Plc	
<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> Rapporteur: "note that there are currently no plans for a Push stage 2 but it is good to <i>remarks - this release:</i> SP-17: Rel-5 -> Rel-6 to accord with stage 1. reserve the number just in case ...".			
<hr/>					
TS 23.178	Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N2 / - G: yes U: yes	<i>rapporteur:</i> HOMANN, Christian <i>MCC:</i> JURISIC, Andrijana	ALCATEL SEL AG	
<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> 2001-10-26: renumbered to 23.278. <i>remarks - this release:</i> 2001-10-26: renumbered to 23.278.			
<hr/>					
TS 23.241	3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework				
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> TP-15	<i>WG (prime / other):</i> T2 / G: U: yes	<i>rapporteur:</i> HOLOUBEK, Kevin J. <i>MCC:</i> RODERMUND, Friedhelm	Motorola Inc.	
<i>history (event, available, version, comments):</i>		<i>remarks - general:</i> Cf work item "Generic user profile" <i>remarks - this release:</i> TP-15: Delayed to Rel-6.			

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

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

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Stage 2						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
					<i>remarks - general:</i>	Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in 23.846.	
					<i>remarks - this release:</i>	SP-15: To be a Rel-6 service, not Rel-5.	
TR 23.841	Presence service architecture						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>						
	draft 21/01/2002 0 . 3 . 0	get it			<i>remarks - general:</i>		
	draft 0 . 5 . 0				<i>remarks - this release:</i>	-> Rel-6	
	SP-15 19/03/2002 1 . 0 . 0 SP-020156	get it					
	S2-24 1 . 1 . 0						
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.	
TR 23.909	Technical report on the Gateway Location Register						
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD			
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	Chalmers				
	<i>history (event, available, version, comments):</i>		<i>MCC:</i> KYMALAINEN, Kimmo				
	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 access; U = required in systems with UMTS access.

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

TR 23.911	Technical report on Out-of-band transcoder control								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16	5 . 0 . 0		2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>		
							<i>remarks - this release:</i>	2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
<hr/>									
TR 23.912	Technical report on Super-Charger								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-16	5 . 0 . 0		2002-06-21: Kymalainen: no need to upgrade to Rel-5.			<i>remarks - general:</i>		
							<i>remarks - this release:</i>	2002-06-21: Kymalainen: no need to upgrade to Rel-5.	
<hr/>									
TR 23.915	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> MILINSKI, Alexander	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
							<i>remarks - general:</i>	2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!	
							<i>remarks - this release:</i>	.	
<hr/>									
TR 23.974	Support of push service								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /		<i>rapporteur:</i> UDA, Nobuyuki	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-13 01/10/2001	2 . 0 . 0		SP-010508 - approved as 23.875	get it		<i>remarks - general:</i>	SP-13: changed number to 23.875.	
							<i>remarks - this release:</i>	May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.	

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

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

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

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

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

remarks - general: Cf work item "Generic user profile" - may be renumbered to 27.241
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

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

TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

RP-12 19/06/2001 1 . 0 . 0 RP-010345
RP-13 01/10/2001 2 . 0 . 0 RP-010562
RP-13 02/10/2001 5 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
[get it](#)

TR 25.861 RNC - SMLC location protocol

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* MIKOLA, Juha NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version, comments):

remarks - general: RP-15: abandoned in favour of directly writing the stage 3 spec.
remarks - this release: RP-15: abandoned in favour of directly writing the stage 3 spec.

TR 25.885 UMTS 1800 / 1900 MHz work items report

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* NUMMINEN, Jussi NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version, comments):

RP-13 01/10/2001 1 . 0 . 0 RP-010672. RP-17: withdrawn. [get it](#) *remarks - general:* RP-17: withdrawn. RP-18 unwithdrawn.
remarks - this release: RP-17: withdrawn.

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

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

TR 25.886 Small technical enhancements and improvements work item

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version, comments):

WG (prime / other): R4 / *rapporteur:*
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: RP-17: withdrawn.

TR 25.887 Beamforming

Rel-5 *current version:* none
freeze_meeting: RP-15
history (event, available, version, comments):

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

R1-22 0 . 0 . 1 R1-011342
RP-14 07/12/2001 1 . 0 . 0 RP-010800

[get it](#)

remarks - general:
remarks - this release: RP-15: Deferred to Rel-6.

TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD

Rel-5 *current version:* none
freeze_meeting: RP-16
history (event, available, version, comments):

WG (prime / other): R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute
G: U: yes *MCC:* SASAKI, Tsukasa

RP-17 24/09/2002 1 . 0 . 0 RP-020508

[get it](#)

remarks - general:
remarks - this release: -> Rel-6

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

TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version, comments):

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: U: yes *MCC:* RODERMUND, Friedhelm

TP-10 05/01/2001 0 . 1 . 1 SP-000657

[get it](#)

remarks - general: TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this
remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is scrapped.
spec is scrapped.

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

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

TS 27.226 Global Text telephony (GTT); Terminal aspects

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version, comments):

WG (prime / other): T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes U: yes *MCC:* RODERMUND, Friedhelm

remarks - general: SP-16: to "GERAN" set.
remarks - this release: W1 approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

TS 27.241 3GPP generic user profile requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none
freeze_meeting: TP-16
history (event, available, version, comments):

WG (prime / other): T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.
G: U: yes *MCC:* RODERMUND, Friedhelm

remarks - general: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.
remarks - this release: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

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

TS 29.163 Interworking between the IM CN subsystem and CS networks

Rel-5 *current version:* none
freeze_meeting: NP-18
history (event, available, version, comments):

WG (prime / other): N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
G: yes U: yes *MCC:* BOSWARTHICK, David

N3-16 0 . 0 . 0

N3-17 01/06/2001 0 . 1 . 0 N3-010185, N3-010199, N3-010201 and [get it](#)

N3-010210

N3-18 0 . 2 . 0 N3-010312, N3-010315

N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427

NP-14 02/01/2002 1 . 0 . 0 NP-010565

NP-15 18/02/2002 1 . 2 . 0 NP-020077

remarks - general:

remarks - this release: NP-16: shifted to Rel-6.

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

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version, comments):

WG (prime / other): N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
G: U: yes *MCC:* ZOICAS, Adrian

NP-16 5 . 0 . 0 Interim step; not to be produced. See sub-parts.

remarks - general:

remarks - this release: Split into sub-parts.

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

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

TS 29.198-09	Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF				
Rel-5	current version: none freeze_meeting: NP-15	WG (prime / other): N5 /	rapporteur: N, A		Indicate persons who left Company and wait for new One
	history (event, available, version, comments):	G: U: yes	MCC: ZOICAS, Adrian		
				remarks - general:	
				remarks - this release:	2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.
<hr/>					
TS 29.198-10	Open Service Access (OSA) Application Programming Interface (API); Part 10: Connectivity manager SCF				
Rel-5	current version: none freeze_meeting: NP-15	WG (prime / other): N5 /	rapporteur: N, A		Indicate persons who left Company and wait for new One
	history (event, available, version, comments):	G: U: yes	MCC: ZOICAS, Adrian		
				remarks - general:	
				remarks - this release:	2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.
<hr/>					
TS 29.203	Feasibility study on SS7 signalling transportation in the core network with SCCP-User Adaptation (SUA)				
Rel-5	current version: none freeze_meeting: NP-15	WG (prime / other): N4 /	rapporteur: YOUNG, Michael	MOTOROLA Ltd	
	history (event, available, version, comments):	G: U: yes	MCC: KYMALAINEN, Kimmo		
				remarks - general:	superseded by 29.903
				remarks - this release:	. TSG#11:creation; superseded by 29.903
<hr/>					
TS 29.226	reserved				
Rel-5	current version: none freeze_meeting: NP-15	WG (prime / other): N4 /	rapporteur: VACANT,		
	history (event, available, version, comments):	G: U: yes	MCC: KYMALAINEN, Kimmo		
				remarks - general:	
				remarks - this release:	WI approved TSG#7
<hr/>					
TS 29.240	Generic User Profile (GUP); Stage 3; Network				
Rel-5	current version: none freeze_meeting: NP-16	WG (prime / other): N4 /	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB	
	history (event, available, version, comments):	G: U: yes	MCC: KYMALAINEN, Kimmo		
				remarks - general:	Cf work item "Generic user profile" - may be renumbered to 27.241
				remarks - this release:	2002-03-05: Delayed to Rel-6.

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

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

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: SP-14 stopped.

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

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

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

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

TS 31.115 Secured packet structure for (U)SIM Toolkit applications

Rel-5 *current version:* none *freeze_meeting:* TP-16 *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
G: U: yes *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-15 19/03/2002 0 . 0 . 2 TP-020031 [get it](#) *remarks - general:* additional rapporteur: Florence Martin.
TP-15 19/03/2002 1 . 0 . 0 TP-020075 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications

Rel-5 *current version:* none *freeze_meeting:* TP-16 *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
G: yes U: yes *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-15 19/03/2002 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin
TP-15 19/03/2002 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.131 C-language binding for (U)SIM API

Rel-5 *current version:* none *freeze_meeting:* TP-16 *WG (prime / other):* T3 / *rapporteur:* TON, Wim ASPECTS Software Ltd
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 *freeze_meeting:* SP-16 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
draft 08/11/2001 0 . 0 . 1 [get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
draft 26/02/2002 0 . 1 . 0 [get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

G = required in systems with GERAN access; 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>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>history (event, available, version, comments):</i>	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>history (event, available, version, comments):</i>	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point: CMIP solution set					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>history (event, available, version, comments):</i>	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-16	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.		
	<i>history (event, available, version, comments):</i>	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	draft 27/06/2001 0 . 1 . 3	get it	<i>remarks - general:</i>			
	draft 21/01/2002 0 . 5 . 4	get it	<i>remarks - this release:</i> SP-15: move to Rel-6.			
	draft 28/01/2002 0 . 5 . 5	get it				
<hr/>						
TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S5 /	<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> U: yes	<i>MCC:</i> ZOICAS, Adrian			
			<i>remarks - general:</i> -> 32.112			
			<i>remarks - this release:</i> .			

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

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

TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-17	<i>G:</i> 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.			
<hr/>						
TS 32.682	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-17	<i>G:</i> 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.			
<hr/>						
TS 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-17	<i>G:</i> 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.			
<hr/>						
TS 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-17	<i>G:</i> 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.			
<hr/>						
TR 32.801	Performance management					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> KORINEK, Frank		Motorola Inc.	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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.			

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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:

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3
G: *U:* yes *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.
remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

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

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15

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-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
freeze_meeting: SP-15

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):

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

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

TS 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. -> 23.031.						
<hr/>									
TS 43.035	Immediate Service Termination (IST); Stage 2								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15	<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>		<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035. <i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.						
<hr/>									
TR 43.930	Iur-g interface; Stage 2								
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> GP-09	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis VODAFONE Group Plc						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version, comments):</i> GP-09 0 . 3 . 0 GP-020733 GP-09 22/04/2002 0 . 4 . 0 GP-021274 draft 19/07/2002 0 . 5 . 1 GP-10 19/07/2002 5 . 0 . 0 GP-11 16/09/2002 5 . 1 . 0 GP-11: withdrawn and technically identical document issued as TS 43.130.	get it get it get it	<i>remarks - general:</i> GP-11: Withdrawn and replaced with 43.130. <i>remarks - this release:</i> This record originally created as Rel-6, but GP-10 approves as Rel-5. GP-11: Withdrawn and replaced with 43.130.						
<hr/>									

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

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

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-5 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: 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 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.

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WITHDRAWN specs Rel-5 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

Rel-4

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

TS 22.043	Support of Localized Service Area (SoLSA); Service description; Stage 1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	Transfer>TSG#4				
				<i>remarks - this release:</i>	TSG#11: Becomes 42.043 for Rel-4 (!).				
<hr/>									
TS 22.112	USIM toolkit interpreter; Stage 1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	MEYER, Michael	GIESECKE & DEVRIENT GmbH			
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>					
	TP-10 11/01/2001 1 . 0 . 0			get it	<i>remarks - this release:</i>	TP-13: Rel-4 withdrawn, since stage 2 not ready.			
	TP-11 09/04/2001 4 . 0 . 0			get it					
	withdrawn TP-13								
<hr/>									
TS 22.227	Service requirements for the Open Service Access (OSA)								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	Clayton Apr-2001: spec not required (see 22.127)				
				<i>remarks - this release:</i>	.				
<hr/>									
TR 22.976	Study on PS domain services and capabilities								
Rel-4	<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-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	Created Jan-00				
	SP-07 17/03/2000 1 . 0 . 0			get it	<i>remarks - this release:</i>	2001-12-04: Rel4->Rel-5 (Clayton).			
	draft 09/05/2000 1 . 4 . 0			get it					
	SP-08 28/06/2000 2 . 0 . 0			get it					

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

Rel-4 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073	Support of Localised Service Area (SoLSA); Stage 2								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version, comments):</i>								
	NP-11	04/04/2001	4 . 0 . 0	SP-16: ->43.073 since applies to GERAN systems only.	get it	<i>remarks - general:</i> Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.			
						<i>remarks - this release:</i> SP-16: ->43.073 since applies to GERAN systems only.			
<hr/>									
TS 23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)								
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		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, comments):</i>								
	SP-11	18/06/2002	4 . 0 . 0	withdrawn	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> Kall: Apr-2001:Superseded by 23.271 for Rel-4.			
<hr/>									
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		<i>G:</i> yes <i>U:</i> 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		<i>G:</i> <i>U:</i> 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.			

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WITHDRAWN specs Rel-4 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.913	UMTS Turbo-Charger					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> 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	<i>MCC:</i> 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	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	SP-11 4 . 0 . 0		<i>remarks - general:</i>			
			<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.			

TR 23.972	Circuit switched multimedia telephony					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version, comments):</i>					
	NP-11 4 . 0 . 0		<i>remarks - general:</i> New after TSG#5. Minor title change TSG#7.			
			<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.			

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WITHDRAWN specs Rel-4 24 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

Rel-4 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004 Layer 1 - General Requirements

Rel-4 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* THOMAS, Rémi France Telecom
freeze_meeting: SP-11 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
GP-04 4 . 0 . 0

remarks - general: Apr-2001: Not required. See 44.004.
remarks - this release: Apr-2001: Not required. See 44.004.

TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Rel-4 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* THOMASEN, Gert
history (event, available, version, comments):

remarks - general: Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should
have been N2 anyway). Agreed to
txfer to G2, but still as 24.012.

TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access

Rel-4 *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: U:* *MCC:* N, A
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

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107	UTRA Repeater; Conformance testing				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> NILSSON, Martin	Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i> Start of work 01/08/2000 0 . 0 . 1	G: U: yes	MCC: N, A		
		get it	<i>remarks - general:</i> -> 25.143 <i>remarks - this release:</i> Scrapped in favour of 25.143		
<hr/>					
TS 25.371	LMU signalling				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-07	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MOULY, Michel	ARGUIN Communications	
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: N, A		
			<i>remarks - general:</i> Created Jan 00; wdrwn Apr00 <i>remarks - this release:</i> First draft: Jan2000		
<hr/>					
TR 25.835	Report on hybrid ARQ type II/III				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> SITTE, Armin	SIEMENS AG	
	<i>history (event, available, version, comments):</i> RP-09 16/10/2000 1 . 0 . 0	G: U: yes	MCC: 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 25.845	FDD RACH and AICH performance requirements				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> VIHRIÄLÄ, Jaakko	NOKIA Corporation	
	<i>history (event, available, version, comments):</i> draft 20/12/2000 0 . 0 . 2 draft 14/05/2001 0 . 0 . 3 RP-17: withdrawn.	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
		get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.		
<hr/>					
TR 25.846	CPCH performance				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i>		
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
			<i>remarks - general:</i> 2001-02-13: scrapped <i>remarks - this release:</i> .		

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

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.924	Opportunity Driven Multiple Access (ODMA)					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LAW, Alan	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version, comments):</i>					
	RP-03 23/04/1999 0 . 0 . 1	get it	<i>remarks - general:</i>			
	RP-04 23/06/1999 0 . 1 . 0	get it	<i>remarks - this release:</i> 2002-01-23: .WG Secretary reports that this is really R99. Watch this space.			
			2002-02-25 (Van der Veen): No further interest, so spec withdrawn.			
	RP-05 13/10/1999 0 . 2 . 0	get it				
	RP-06 17/12/1999 1 . 0 . 0	get it				
<hr/>						
TR 25.932	Delay budget within the access stratum					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	RP-08 23/06/2000 1 . 0 . 0	get it	<i>remarks - general:</i> ->25.853 @ TSG#10.			
	RP-09 05/10/2000 1 . 1 . 0	get it	<i>remarks - this release:</i> TSG#10:2.0.0; approved renumbered as 25.853.			
	RP-10 22/01/2001 2 . 0 . 0	get it				
<hr/>						
TR 25.933	IP transport in UTRAN					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version, comments):</i>					
	draft 15/05/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	R3-13 15/06/2000 0 . 1 . 0	get it	<i>remarks - this release:</i> 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).			
	R3-13 15/07/2000 0 . 1 . 1	get it				
	RP-09 15/08/2000 0 . 2 . 0	get it				
	RP-10 21/12/2000 0 . 4 . 0	get it			RP-000644	
	RP-11 06/04/2001 1 . 0 . 0	get it				
	RP-12 05/07/2001 1 . 1 . 0	get it			RP-010425	
	RP-13 01/10/2001 1 . 4 . 0	get it			RP-010642	
	draft 13/11/2001 1 . 4 . 1	get it			to Rel-5	
	RP-14 06/12/2001 1 . 5 . 0	get it			RP-010876	
	draft 02/01/2002 1 . 5 . 1	get it				
	RP-15 19/03/2002 1 . 7 . 1	get it			RP-020136, withdrawn	
	RP-15 19/03/2002 2 . 0 . 0	get it			RP-020137	

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

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WITHDRAWN specs Rel-4 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.938	Terminal power saving features					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version, comments):</i>					
	draft 15/08/2000 0 . 0 . 1	get it	<i>remarks - general:</i> R3-27: abandoned.			
	draft 05/10/2000 0 . 1 . 0	get it	<i>remarks - this release:</i> RP-15: Withdrawal confirmed.			
	RP-10 21/12/2000 0 . 1 . 1 RP-000654	get it				
	RP-11 06/04/2001 2 . 0 . 0 R3-27: abandoned, confirmed RP-15.	get it				

TR 25.951	Base Station classification (FDD)					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SÄYNNÄJÄKANGAS, Tuomo	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>					
	draft 21/11/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	RP-10 21/12/2000 1 . 0 . 0 RP-000598	get it	<i>remarks - this release:</i> 2002-01-24: Gutierrez: moved to Rel-5			
	RP-13 01/10/2001 1 . 1 . 0 RP-010681	get it				

TR 25.952	Base Station classification (TDD)					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> AXNESS, Timothy	INTERDIGITAL COMMUNICATIONS CORPORATION		
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version, comments):</i>					
	draft 21/11/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	RP-10 21/12/2000 1 . 0 . 0	get it	<i>remarks - this release:</i> -> Rel-5			
	RP-11 10/04/2001 1 . 1 . 0	get it				

Rel-4 **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.078	Results of the AMR noise suppression selection phase					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-11 4 . 0 . 0		<i>remarks - general:</i> Replaced by 26.978.			
			<i>remarks - this release:</i> Replaced by 26.978.			

G = required in systems with GERAN access; 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 26.226	Global text telephony (GTT); Transport of text in the voice channel					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar		Omnitor AB	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-08 23/06/2000	0 . 0 . 0	get it	<i>remarks - general:</i>	SP-16: in "GERAN" set.	
	SP-09 18/10/2000	0 . 0 . 9	get it	<i>remarks - this release:</i>	TSG#11:withdrawn->rel-5	
	draft 24/10/2000	0 . 0 . 10	get it			
	SP-10 21/12/2000	4 . 0 . 0	get it			
<hr/>						
TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLSTROM, Gunnar		Omnitor AB	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-10	2 . 0 . 0		<i>remarks - general:</i>	SP-16: in "GERAN" set.	SP-000750
	SP-10 21/12/2000	4 . 0 . 0	get it	<i>remarks - this release:</i>	TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.	
<hr/>						
TS 26.235	Packet switched conversational multimedia applications; Default codecs					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi		Nokia Research Center	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	draft 01/10/2000	0 . 0 . 1	get it	<i>remarks - general:</i>		
	draft 16/11/2000	0 . 0 . 2	get it	<i>remarks - this release:</i>	SP-12: withdrawn from Rel-4, moved to Rel-5.	
	SP-10 21/12/2000	1 . 0 . 0	get it			NP-000567
	SP-11 10/04/2001	4 . 0 . 0	get it			
	SP-12	4 . 1 . 0				immediately withdrawn, becomes Rel-5
<hr/>						
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	No work, will never appear as 4.0.0 (Usai, Mar 2001)	

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WITHDRAWN specs Rel-4 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-03 26/04/1999 0 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 **28** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TR 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: *U:* yes *MCC:* BOSWARTHICK, David

remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

Rel-4 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801 Overall Project Plan

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
draft 30/07/1999 0 . 1 . 0
draft 30/08/1999 0 . 2 . 0
draft 30/09/1999 0 . 3 . 0
SP-05 13/10/1999 1 . 0 . 0
draft 02/12/1999 1 . 1 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#11: Work stopped.
[get it](#)
[get it](#)

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.802	Project plan on Bearer Services and QoS					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-09 4 . 0 . 0		<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.			
<hr/>						
TR 30.804	Project plan on GSM/UMTS Interoperation and Mobility Management					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.806	Project plan on Location based services					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.808	Project plan on Packet Architecture and Circuit Architecture					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>						
TR 30.810	Project plan on Security					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>					
	SP-05 24/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> TSG#11: Work stopped.			

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WITHDRAWN specs Rel-4 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.812 Project plan on Services and Service platforms

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob CELLPOINT SYSTEMS AB
G: *U:* yes *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 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

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

TP-16: withdrawn; only Rel-5 remains valid. [get it](#) *remarks - general:*
remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, comments):
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
G: *U:* yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

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 32.105 3G charging and billing; Stage 2 description

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-06 17/12/1999 0 . 0 . 1

SP-08 23/06/2000 0 . 0 . 2

SP-09 28/09/2000 0 . 0 . 3

draft 10/10/2000 0 . 0 . 4 SP-12: Rel-4 withdrawn.

[get it](#)

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remarks - general:

remarks - this release: New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-11 28/03/2001 4 . 0 . 0 SP-12: withdrawn.

[get it](#)

remarks - general: SP-08: split into eight parts

remarks - this release: SP-12: withdrawn. See 32.300.

TS 32.106-2 Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: TSG#8: split into eight parts

remarks - this release: SP-12: withdrawn.

TS 32.106-3 Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: TSG#8: split into eight parts

remarks - this release: SP-12: withdrawn.

TS 32.106-4 Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point; CMIP Solution Set Version 1:1

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

remarks - general: TSG#8: split into eight parts

remarks - this release: SP-12: withdrawn.

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 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including NRM)								
Rel-4	<i>current version:</i> version 1	none	<i>WG (prime / other):</i>	S5	/-	<i>rapporteur:</i>	TOVINGER, Thomas		
	Telefon AB LM Ericsson								
	<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 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	ZHOU, Di	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version, comments):</i>			<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1								
Rel-4	<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.				
<hr/>									
TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects								
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> SP-11	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				
	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								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	CICCHITTO, Gaetano	SIEMENS Mobile Communications S.p.A.			
	<i>freeze_meeting:</i> SP-11	G:	U: 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					

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 32.112-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i> SP-12 2 . 0 . 0 SP-010285	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
			<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>freeze_meeting:</i>	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i> SP-12 2 . 0 . 0 SP-010285	<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-ui		
			<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>freeze_meeting:</i> NP-13	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey		TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.
	<i>history (event, available, version, comments):</i> draft 01/08/2000 0 . 1 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> TSG#8:0.1.0 but associated WI not approved. NP-12: moved to rel-5.		
<hr/>					
TS 32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd
	<i>history (event, available, version, comments):</i> SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
		get it	<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.301. <i>remarks - this release:</i> .		
<hr/>					
TS 32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1				
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated
	<i>history (event, available, version, comments):</i> SP-12 18/06/2001 2 . 0 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
		get it	<i>remarks - general:</i> Replaces 32.106- 2SP-12: stopped. See 32.302. <i>remarks - this release:</i> .		

G = required in systems with GERAN 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 32.301-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHEER, Randal	Lucent Technologies					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<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 32.106-3 SP-12: stopped. See 32.303.					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point; CMIP Solution Set Version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i>	G: U: yes	<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 32.106-4 SP-12: stopped. See 32..304.					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
			<i>remarks - general:</i>	-> 32.111					
			<i>remarks - this release:</i>	.					
<hr/>									
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version, comments):</i>								
	SP-12 21/06/2001 1 . 0 . 0								
	SP-13 11/10/2001 2 . 0 . 0	SP-010467 approved as 52.042							
		get it	<i>remarks - general:</i>	was 32.104 (pars). SP-13: replaced by 52.402.					
		get it	<i>remarks - this release:</i>	.					
<hr/>									
TS 32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John						
	<i>freeze_meeting:</i>	G: yes U: yes	<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 32.601.					
			<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
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TS 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic Configuration Management Integration Reference Point (IRP) information model			
Rel-4	<i>current version:</i> none	<i>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 Configuration Management Integration Reference Point (IRP): CORBA solution set			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>	G: 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 Configuration Management Integration Reference Point (IRP) CMIP solution set			
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); Configuration Management: 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); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): Information			
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); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CORBA solution			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> SP-12: stopped. See 32.613.	<i>remarks - this release:</i> .
<hr/>				
TS 32.602-4	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CMIP solution			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> SP-12: stopped. See 32.614.	<i>remarks - this release:</i> .
<hr/>				
TS 32.602-5	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): XML file format			
Rel-4	<i>current version:</i> definition	none	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> N, A
Company and wait for new				
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	One
	<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 32.615.	<i>remarks - this release:</i> .
<hr/>				
TS 32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.621.	<i>remarks - this release:</i> .
<hr/>				
TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): NRM			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.	<i>remarks - this release:</i> .

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

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WITHDRAWN specs Rel-4 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.620-3 Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
remarks - this release: .

TS 32.620-4 Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) CMIP solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.624.
remarks - this release: .

TS 32.621-1 Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.631.
remarks - this release: .

TS 32.621-2 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): NRM

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.
remarks - this release: .

TS 32.621-3 Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.
remarks - this release: .

G = required in systems with GERAN 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 32.621-4	Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set			
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 32.107 (pars) SP-12: stopped. See 32.634.
			<i>remarks - this release:</i>	.
<hr/>				
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>	.
<hr/>				
TS 32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): NRM			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: 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>	.
<hr/>				
TS 32.622-3	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): CORBA solution set			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version, comments):</i>			
	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.622-4	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): CMIP solution set			
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 32.644.
			<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 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651.
remarks - this release: .

TS 32.623-2 Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): NRM
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.
remarks - this release: .

TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.
remarks - this release: .

TS 32.623-4 Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.
remarks - this release: .

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	draft	0 . 3 . 5							<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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BROOKSON, Charles	DTI - Department of Trade and Industry				
	<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 33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S3 / SAGE	<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>								
	draft	2 . 0 . 0							<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.
									only available as http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf

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>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-11		G: yes U:	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version, comments):</i>								
	SP-10 03/12/2000	1 . 0 . 0							<i>remarks - general:</i> ->41.102, renumbered at TSG#10.
			get it						<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 42 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version, comments):
SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version, comments):
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

TS 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1
Rel-4 *current version:* none *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):
TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12 [get it](#) *remarks - general:* TP-12: Becomes 22.048.
remarks - this release: TP-12: Becomes 22.048.

TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general: Scrapped - see 22.053, Rel-4 onwards.
remarks - this release:

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

G = required in systems with GERAN 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 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 & Rel-5 <i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. -> 23.031.						
<hr/>									
TS 43.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version, comments):</i> SP-11 10/04/2001 4 . 0 . 0 SP-15 26/03/2002 4 . 1 . 0	get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035. <i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.						
<hr/>									
TS 43.046	Technical Realization of Facsimile Group 3 Service - non transparent								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David ETSI Secretariat						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version, comments):</i> post-NP-14 23/01/2002 4 . 0 . 0 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	get it	<i>remarks - general:</i> 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99. <i>remarks - this release:</i> .2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.						
<hr/>									
TS 43.048	Security Mechanisms for SIM Toolkit Application; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel MOTOROLA Ltd						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> DIETZE, Claus						
	<i>history (event, available, version, comments):</i> TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12	get it	<i>remarks - general:</i> TP-12: replaced by 23.048. <i>remarks - this release:</i> TP-12: replaced by 23.048.						
<hr/>									
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume NOKIA Corporation						
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version, comments):</i> GP-02 05/01/2001 4 . 0 . 0 GP-08: withdrawn	get it	<i>remarks - general:</i> Originally created as 03.51r00 <i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn						

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

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WITHDRAWN specs Rel-4 43 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.063 Packet Data on Signalling channels service (PDS) Service description, Stage 2

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version, comments):
SP-11 4 . 0 . 0

remarks - general: Superseded by 23.271 Rel-4.
remarks - this release: Superseded by 23.271 Rel-4.

Rel-4 **44** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.008 Mobile radio interface layer 3 specification

Rel-4 *current version:* none *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15

[get it](#) *remarks - general:*
remarks - this release: withdrawn at NP-15.

TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):
NP-11 11/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

G = required in systems with GERAN 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

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):

remarks - general: -> 28.062
remarks - this release: -> 28.062

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: *G: yes U:* *MCC:* Skov
history (event, available, version, comments): JORGENSEN, Per Johan

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-4 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status

Rel-4 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version, comments):

remarks - general:
remarks - this release: 2001-April:Clayton: stopped.

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

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WITHDRAWN specs Rel-4 50 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TS 50.056 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1

Rel-4 *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:* BLADSJO, 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
draft 06/11/2000 0 . 0 . 2

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

remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
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](#)

and were not subsequent at all, so do not appear in history; latest draft is ex

draft 08/05/2000 0 . 0 . 3

[get it](#)

GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".

draft 28/05/2000 0 . 0 . 4

[get it](#)

GP-04 10/05/2000 0 . 0 . 6

[get it](#)

draft 0 . 0 . 7

draft 0 . 0 . 8

GP-05 0 . 0 . 9

GP-06 0 . 0 . 10

GP-07 0 . 0 . 11

GP-07 0 . 0 . 12

GP-07 0 . 0 . 13

draft 12/04/2002 0 . 0 . 15

[get it](#)

GP-09 22/04/2002 0 . 0 . 16 GP-021208

[get it](#)

draft 17/09/2002 0 . 0 . 20

[get it](#)

GP-12 26/11/2002 0 . 23 . 0 GP-023436

[get it](#)

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

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WITHDRAWN specs Rel-4 51 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

Rel-4 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4 *current version:* none *WG (prime / other):* G5 / G4, *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 T3

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

TP-14 02/01/2002 0 . 0 . 1 TP-010250

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because doc
remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. was in fact R99, not Rel-4.

TS 51.014 Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: SP-11 One

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

TP-18 02/01/2003 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99).

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.071 Location Services (LCS); Location services management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version, comments):

SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.

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

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WITHDRAWN specs R00 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

R00

R00 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68 Voice Group Call Service (VGCS); Stage 1
R00 *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

TS 02.69 Voice Broadcast Service (VBS); Stage 1
R00 *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

R00 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions
R00 *current version: none*
freeze_meeting: SP-11

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
GP
G: yes U: *MCC:* POPE, Maurice

history (event, available, version, comments):
smg-32 16/01/2001 9 . 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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WITHDRAWN specs R00 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.51	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
R00	current version: none	WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Guillaume	NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version, comments):			remarks - general:	-> 43.051	
				remarks - this release:	.	
<hr/>						
TS 03.59	Location services (LCS) GERAN; Stage 2					
R00	current version: none	WG (prime / other):	G1 / -	rapporteur:	LIVINGSTON, Margaret	NOKIA Corporation
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version, comments):			remarks - general:		
	draft 30/05/2000 0 . 0 . 1			remarks - this release:	replaced by 43.059	
				get it		
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R00	current version: none	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version, comments):			remarks - general:		
	smg-32 20/06/2000 9 . 0 . 0			remarks - this release:	#32:9.0.0 TSG#8:9.0.0->43.068v4.0.0	
				get it		
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R00	current version: none	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version, comments):			remarks - general:		
	smg-30 20/06/2000 9 . 0 . 0			remarks - this release:	#32:9.0.0 TSG#8:9.0.0->43.069v4.0.0	
				get it		
<hr/>						
R00	04 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/04_series			
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G = required in systems with GERAN access; U = required in systems with UMTS access.

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WITHDRAWN specs R00 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18	Mobile radio interface layer 3 specification; Radio Resource Control Protocol					
R00	current version: none	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version, comments):					
	smg-32 20/06/2000 9 . 0 . 0					
		get it		remarks - general:		
				remarks - this release:	Aug00: replaced by 44.018	
<hr/>						
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:		
<hr/>						
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:		
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	R00	08 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/08_series		
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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* *freeze_meeting:* *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 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
Fix graphics	16/05/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
smg-32	20/06/2000	9	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #32:9.0.0 Aug00: replaced by 48.008

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues

R00 *current version: none* *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson N, A

G: yes U: *MCC:*

history (event, available, version, comments):

draft (as 10.99) 30/05/2000 0 . 0 . 5

[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): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

smg-32 20/06/2000 9 . 0 . 0
edito 12/07/2000 9 . 0 . 1

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently replaced
[get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 by Rel-5 equivalent. 2001-11-19: G4->G5.

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R00 *current version:* none *freeze_meeting:* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP /
G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version, comments):

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 acces; U = required in systems with UMTS access.

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WITHDRAWN specs R99 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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 PT-SMG no longer exist. [get it](#) *remarks - general:*
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](#)

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 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:		<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited			
<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:		<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael		T-MOBILE DEUTSCHLAND			
<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:		<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael		Research In Motion Limited			
<i>history (event, available, version, comments):</i> smg-28 12/02/1999 8 . 0 . 0 smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)									
get it <i>remarks - general:</i> get it <i>remarks - this release:</i>									
<hr/>									
TS 02.07	Mobile Station (MS) Features								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:		<i>rapporteur:</i> JEAL, David <i>MCC:</i> CLAYTON, Michael		VODAFONE Group Plc			
<i>history (event, available, version, comments):</i> smg-29 25/06/1999 8 . 0 . 0 smg-30 8 . 1 . 0 withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.									
get it <i>remarks - general:</i> get it <i>remarks - this release:</i> TSG#6: withdrawn									
<hr/>									
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S3 / G: yes U:		<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice		Indicate persons who left Company and wait for new One			
<i>history (event, available, version, comments):</i> Upgrade to R99 30/06/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1 SP-18: Withdrawn in favour of 22.031.									
get it <i>remarks - general:</i> 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			
			resulted in version 3.1.0 of 22.001.	<i>remarks - this release:</i> R99 -> 22.101		
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R99	<i>current version:</i> none <i>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 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 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1				
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CLAYTON, Michael <i>MCC:</i> CLAYTON, Michael	EMCOM Ltd	
<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> CARPENTER, Paul <i>MCC:</i> CLAYTON, Michael	Research In Motion Limited	
<i>history (event, available, version, comments):</i> smg-28 12/02/1999 8 . 0 . 0 smg-29 25/06/1999 8 . 1 . 0					
get it <i>remarks - general:</i> 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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> GRECH, Michel <i>MCC:</i> CLAYTON, Michael	Lucent Technologies Network Systems UK	
<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> EVEN, Anne <i>MCC:</i> CLAYTON, Michael	France Telecom	
<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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S1 / - G: yes U:	<i>rapporteur:</i> SLOTTE, Sverre <i>MCC:</i> CLAYTON, Michael	NOKIA Corporation	
<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 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

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: YOON, Sang-Ui			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7			
			<i>remarks - this release:</i> Never produced; make do with R98 version.			
<hr/>						
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/06/2000 8 . 0 . 0 SP-18: withdrawn	get it	<i>remarks - general:</i> 2001-09-03: S3 secretary reports that this spec is not mature enough for official			
			<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues			
<hr/>						
TS 03.35	Immediate Service Termination (IST); Stage 2					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version, comments):</i>					
	Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-11 04/04/2001 8 . 1 . 0	get it	<i>remarks - this release:</i> SP-16: withdrawn in favouf of 23.035 R99.			
<hr/>						
TR 03.43	Support of Videotex					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: RODERMUND, Friedhelm			
	<i>history (event, available, version, comments):</i>					
	frozen at v7 20/11/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	(withdrawn)		<i>remarks - this release:</i> Frozen at v7			

G = required in systems with GERAN 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 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)						
R99	current version: none freeze_meeting: SP-06	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH			
		G: yes U:	MCC: RODERMUND, Friedhelm				
	history (event, available, version, comments): Upgrade to R99 30/06/2000 8 . 0 . 0	get it	remarks - general: remarks - this release: Sticks at v7				
<hr/>							
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)						
R99	current version: none freeze_meeting: SP-06	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH			
		G: yes U:	MCC: RODERMUND, Friedhelm				
	history (event, available, version, comments): Upgrade to R99 30/06/2000 8 . 0 . 0	get it	remarks - general: remarks - this release:				
<hr/>							
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)						
R99	current version: none freeze_meeting: SP-06	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH			
		G: yes U:	MCC: RODERMUND, Friedhelm				
	history (event, available, version, comments): Upgrade to R99 30/06/2000 8 . 0 . 0	get it	remarks - general: remarks - this release: clamped at v7				
<hr/>							
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2						
R99	current version: none freeze_meeting: SP-06	WG (prime / other): S2 / -	rapporteur: ROBERTS, Martin	Nortel			
		G: yes U:	MCC: YOON, Sang-Ui				
	history (event, available, version, comments): Upgrade to R99 01/05/2000 8 . 0 . 0	get it	remarks - general: remarks - this release: Never produced; make do with R98 version.				
<hr/>							
TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2						
R99	current version: none freeze_meeting: SP-06	WG (prime / other): N1 / -	rapporteur: JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
		G: yes U:	MCC: JORGENSEN, Per Johan				
	history (event, available, version, comments): smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn	get it	remarks - general: remarks - this release: TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.				

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

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WITHDRAWN specs R99 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version, comments):
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services Switching

R99 *current version:* Centre (BSS - MSC) interface none *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG *G: yes U:* *MCC:* BOSWARTHICK, David
freeze_meeting: SP-06
history (event, available, version, comments):
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

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

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WITHDRAWN specs R99 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09. R99 Changed from G2 to G1 at same time.
will not be produced (source: Usai 2001-01-05)

R99 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-29 25/06/1999 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David

history (event, available, version, comments):

smg-29 25/06/1999 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

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

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WITHDRAWN specs R99 07 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm/Vodafone D2 GmbH
freeze_meeting: SP-06
G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
Creation of R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: Frozen at v5

R99 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network
R99 *current version:* (PSTN) none *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG
freeze_meeting: SP-06
G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version, comments):
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling
R99 *current version:* none *WG (prime / other):* SPAN / N4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc
freeze_meeting: SP-06
G: yes U: *MCC:*
history (event, available, version, comments):
WITHDRAWN 29/05/2000 8 . 0 . 0 [get it](#) *remarks - general:* EN 302 646
remarks - this release: May00: Possibly no need for an update.

TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-06
G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

G = required in systems with GERAN 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

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version, comments):

remarks - general:
remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):
draft 17/04/1998 1 . 2 . 0 empty! [get it](#) *remarks - general:*
smg-28 30/06/1999 1 . 11 . 0 [get it](#) *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April: Clayton: stopped.

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: SP-06 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):
WITHDRAWN 14/03/2000 8 . 0 . 0 [get it](#) *remarks - general:* TSG#9: withdrawn cos contains misleading information/references
remarks - this release: No R99 impact.

TR 10.76 Noise suppression for the AMR codec; Project scheduling and open issues
R99 *current version:* none *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version, comments):
draft 15/08/1999 0 . 0 . 8 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".
draft 15/10/1999 1 . 0 . 0 2002-01-23: Usai indicates "stopped". [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".

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

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WITHDRAWN specs R99 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

R99 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

draft	14/03/2000	0	.	0	.	3	get it	<i>remarks - general:</i>	2002-01-23: Usai indicates "stopped".
draft	08/04/2000	0	.	0	.	4	get it	<i>remarks - this release:</i>	2002-01-23: Usai indicates "stopped".
draft	19/04/2000	0	.	0	.	5	get it		
draft	04/08/2000	0	.	0	.	6	get it		2002-01-23: Usai indicates "stopped".

R99 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R99 *current version:* none *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

Upgrade to R99	30/06/2000	8	.	0	.	0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
								<i>remarks - this release:</i>	proposed, but nya; flagged as withdrawn at SMG#32 to make life easier

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R99 *current version:* none *WG (prime / other):* G5 / S1 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

Upgraded to R99	30/06/2000	8	.	0	.	0	get it	<i>remarks - general:</i>	2001-11-19: G4->G5.
								<i>remarks - this release:</i>	skipped straight to R00.

G = required in systems with GERAN 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 11.18 Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface

R99 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* DIETZE, Claus
history (event, available, version, comments):
Upgrade to R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: Sanders Oct 2000: Effectively replaced by 31.101.

R99 **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.010 reserved

R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* POPE, Maurice

remarks - general:
remarks - this release: 3.0.0 dates from June 99

TS 21.100 3G specification handling procedures

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments):
SP-08 28/06/2000 1 . 0 . 0

[get it](#) *remarks - general:* Knobbled prior to SA#8.
remarks - this release:

TS 21.906 reserved

R99 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments):
First complete draft 04/03/1999 0 . 0 . 0
SP-03 3 . 0 . 0

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

R99 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

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WITHDRAWN specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043	Support of Localized Service Area (SoLSA); Service description; Stage 1						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<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 . 1 . 0	get it	<i>remarks - this release:</i> Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.				
<hr/>							
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1						
R99	<i>current version:</i> none	<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-06 3 . 0 . 0		<i>remarks - general:</i> Transfer>TSG#4.				
			<i>remarks - this release:</i> 2001-01-22: Scrapped. 02.53 is retained.				
<hr/>							
TR 22.907	Terminal concepts						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> TOLVANEN, Mika	NOKIA MOBILE PHONES			
	<i>freeze_meeting:</i> SP-03	G: U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version, comments):</i>						
	Table of Contents and Scope 19/10/1997 0 . 0 . 2	get it	<i>remarks - general:</i> CR at TSG#4 Not maintained				
	First complete draft 19/12/1997 1 . 0 . 0	get it	<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11)				
	WG approval 15/02/1998 2 . 0 . 0	get it					
	TB approval 20/03/1998 3 . 0 . 0	get it					
	SP-03 22/04/1999 3 . 1 . 2	get it					
	SP-04 23/06/1999 3 . 1 . 3	get it					
<hr/>							
TR 22.924	Charging and accounting mechanisms						
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-03	G: U: yes	<i>MCC:</i> N, A				
	<i>history (event, available, version, comments):</i>						
	Table of Contents and Scope 19/10/1997 0 . 0 . 1	get it	<i>remarks - general:</i>				
	First complete draft 19/12/1997 1 . 2 . 1	get it	<i>remarks - this release:</i> .				
	WG approval 15/02/1997 2 . 0 . 0	get it					
	Under TB change control 20/03/1998 3 . 0 . 0	get it					
	TB approval 15/02/1999 3 . 1 . 0	get it					
	SP-03 23/04/1999 3 . 1 . 1	get it					

G = required in systems with GERAN 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 22.925	Quality of Service (QoS) and network performance				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> ERIKSSON, Olle	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-03	<i>G:</i>	<i>MCC:</i> N, A		
		<i>U:</i> yes			
	<i>history (event, available, version, comments):</i>				
	First complete draft 13/06/1997 1 . 1 . 0	get it	<i>remarks - general:</i>		
	WG approval 19/12/1997 2 . 0 . 0	get it	<i>remarks - this release:</i> .		
	TB approval 20/03/1998 3 . 0 . 0	get it			
	SP-03 23/04/1999 3 . 1 . 1	get it			
<hr/>					
TR 22.960	Mobile multimedia services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03	<i>G:</i>	<i>MCC:</i> N, A		
		<i>U:</i> yes			
	<i>history (event, available, version, comments):</i>				
	Table of Contents 17/10/1997 0 . 0 . 4 and Scope	get it	<i>remarks - general:</i>		
	First complete draft 19/12/1997 1 . 0 . 0	get it	<i>remarks - this release:</i> .		
	WG approval 15/02/1997 2 . 0 . 0	get it			
	SP-03 23/04/1999 3 . 0 . 1 withdrawn	get it			
<hr/>					
TR 22.970	Virtual Home Environment Report				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i> SP-03	<i>G:</i>	<i>MCC:</i> N, A		
		<i>U:</i> yes			
	<i>history (event, available, version, comments):</i>				
	Table of Contents 19/10/1997 0 . 0 . 7 and Scope	get it	<i>remarks - general:</i>		
	First complete draft 19/12/1997 1 . 0 . 0	get it	<i>remarks - this release:</i> .		
	WG approval 15/02/1998 2 . 0 . 0	get it			
	TB approval 20/03/1998 3 . 0 . 0	get it			
	SP-03 23/04/1999 3 . 0 . 1	get it			
<hr/>					
TR 22.972	Circuit-switched multimedia				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> N, A		
		<i>U:</i> yes			
	<i>history (event, available, version, comments):</i>				
	First complete draft 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i> Title grows "cct sw".		
			<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11)		

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

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WITHDRAWN specs R99 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010 GSM Public Land Mobile Network (PLMN) Connection Types

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments):
SP-03 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:* superseded by 23.910
remarks - this release: TSG#7:3.0.0 - later scrapped

TS 23.022 Functions related to Mobile Station (MS) in idle mode and group receive mode

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version, comments):
SP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Superseded by 23.122
SP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:* 3.1.0 dates from June 99

TS 23.043 Support of Videotex

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments):
SP-03 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

TS 23.044 Support of Teletex

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A
history (event, available, version, comments):
SP-03 30/05/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: 3.0.0 Apr 99 - later scrapped

G = required in systems with GERAN 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 23.045	Technical Realization of Facsimile Group 3 Service - transparent					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-08	<i>WG (prime / other):</i> - / - <i>G:</i> U: yes	<i>rapporteur:</i> DI TRIA, Paolo <i>MCC:</i> N, A		Telecom Italia Lab S.p.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>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> - / - <i>G:</i> U: yes	<i>rapporteur:</i> BOSWARTHICK, David <i>MCC:</i> N, A		ETSI Secretariat	
	<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>freeze_meeting:</i> SP-03	<i>WG (prime / other):</i> N3 / - <i>G:</i> yes U: yes	<i>rapporteur:</i> ROSTÖ, Tommy <i>MCC:</i> BOSWARTHICK, David		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i> NP-03 23/04/1999 3 . 0 . 0 NP-13: withdrawn	get it	<i>remarks - general:</i> <i>remarks - this release:</i> NP-13: withdrawn.			
<hr/>						
TS 23.069	Voice Broadcast service (VBS); Stage 2					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N1 / - <i>G:</i> U: yes	<i>rapporteur:</i> DETTNER, Harald <i>MCC:</i> JORGENSEN, Per Johan		SIEMENS AG	
	<i>history (event, available, version, comments):</i> NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Reverts to 03.69 R99. <i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.			
<hr/>						
TS 23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-03	<i>WG (prime / other):</i> - / - <i>G:</i> yes U: yes	<i>rapporteur:</i> KOSYDAR, L <i>MCC:</i> N, A		Indicate persons who left Company and wait for new One	
	<i>history (event, available, version, comments):</i> SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98. <i>remarks - this release:</i> withdrawn NP-06			

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

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WITHDRAWN specs R99 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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.		
	SP-16: reverts to 03.73 since applies to GERAN systems only.				
<hr/>					
TS 23.920	Evolution of the GSM platform towards UMTS				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-08	G: yes U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
	Table of Contents and Scope 17/10/1997 0 . 0 . 3	get it	<i>remarks - general:</i>		
	Transfer to SP SA 04/03/1999 0 . 6 . 1	get it	<i>remarks - this release:</i> Stopped TSG#6		
	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	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	SP-05 13/10/1999 1 . 0 . 0	get it	<i>remarks - general:</i> TSG#5: 1.0.0		
			<i>remarks - this release:</i> Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.		

G = required in systems with GERAN 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

TR 23.927 VHE, Open Service Architecture (OSA)

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* N, A
history (event, available, version, comments):
First complete draft 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* Replaced by 23.127
SP-03 23/04/1999 0 . 1 . 0 withdrawn [get it](#) *remarks - this release:* Withdrawn (Clayton 2000-02-11).

TR 23.960 Framework of network functions to support multimedia services

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG
freeze_meeting: SP-06 *G: yes U: yes* *MCC:* N, A
history (event, available, version, comments):
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R99 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* THOMASEN, Gert
history (event, available, version, comments):
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4; N#9:proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: Replaced by 04.12 R99. R99) and shift responsibility to G2 (and should have been
N2 anyway). Agreed to txfer to G2, but still as 24.012.

TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-12 *G: U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version, comments):
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Scrapped: is GSM only
NP-04 27/05/1999 3 . 1 . 0 [get it](#) *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08
withdrawn; not required for 3G.

G = required in systems with GERAN 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 24.068	Group Call Control (GCC) Protocol				
R99	current version: none	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version, comments):				
	NP-03	3 . 0 . 0	remarks - general:	GSM only for R99.	
	NP-04	3 . 1 . 0	remarks - this release:	GSM only for R99.	

TS 24.069	Broadcast Call Control (BCC) protocol				
R99	current version: none	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version, comments):				
	NP-03	3 . 0 . 0	remarks - general:	GSM only for R99.	
	NP-04	3 . 1 . 0	remarks - this release:	GSM only for R99.	

TS 24.094	Follow Me; Stage 3				
R99	current version: none	WG (prime / other): - / -	rapporteur: BERGMANN, Ansgar	Deutsche Telekom AG	
	freeze_meeting: SP-06	G: U: yes	MCC: N, A		
	history (event, available, version, comments):				
			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	WG (prime / other): - / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	freeze_meeting: SP-06	G: yes U: yes	MCC: N, A		
	history (event, available, version, comments):				
			remarks - general:	No draft. Anyway, should have been 23.053.	
			remarks - this release:	no draft ever materialised	

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

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WITHDRAWN specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.103	RF parameters in support of RRM					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
	First complete draft 04/03/1999 0 . 0 . 0	get it	<i>remarks - general:</i>	Withdrawn in favour of 25.123 & 25.133		
	NP-03 23/04/1999 0 . 1 . 0	get it	<i>remarks - this release:</i>	Withdrawn		
	NP-04 23/06/1999 1 . 0 . 0	get it				
	NP-05 13/10/1999 2 . 0 . 0	get it				
<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	<i>G:</i> <i>U:</i> 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	<i>G:</i> <i>U:</i> 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	<i>G:</i> <i>U:</i> 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				

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WITHDRAWN specs R99 25 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.075	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
	SP-03 23/04/1999 0 . 0 . 0	get it	<i>remarks - general:</i> Created TSG#6. Replaced by '975 at TSG#7.			
	SP-06 17/12/1999 1 . 0 . 0	get it	<i>remarks - this release:</i> replaced by 26.975			
	SP-05 13/10/1999 1 . 0 . 0	get it				
	SP-04 23/06/1999 1 . 0 . 0	get it				
	Editorial 23/06/2000 1 . 2 . 0	get it				
<hr/>						
TS 26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	SP-03 26/04/1999 1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-04 23/06/1999 1 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 26.115	Echo control for speech and multi-media services					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
	Creation of WI by 02/02/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	WG/TB		<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.			
<hr/>						
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC		
	<i>freeze_meeting:</i> SP-08	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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WITHDRAWN specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.133	Wide band speech telephony terminal acoustic characteristics					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.134	Wide band speech telephony terminal acoustic test specification					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version, comments):</i>					
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.			
			<i>remarks - this release:</i> .			

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

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WITHDRAWN specs R99 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.137	Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
			<i>remarks - general:</i>	Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i>	.		
<hr/>						
TS 26.138	Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
			<i>remarks - general:</i>	Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i>	.		
<hr/>						
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino			
<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 0 . 0 . 1		get it	<i>remarks - this release:</i>	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	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SUERBAUM, Clemens	SIEMENS AG		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version, comments):</i>						
	SP-05 13/10/1999 3 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4	
				<i>remarks - this release:</i>	withdrawn from R99.	

R99 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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WITHDRAWN specs R99 29 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.04 R98.	
			<i>remarks - this release:</i>		
<hr/>					
TS 29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-08	G: U: yes	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.05 R98.	
			<i>remarks - this release:</i>		
<hr/>					
TS 29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	SP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.06 R98.	
			<i>remarks - this release:</i>	withdrawn NP-06	
<hr/>					
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R99	30 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/30_series		
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G = required in systems with GERAN acces; U = required in systems with UMTS access.

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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
freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG
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	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	get it
draft	21/12/2000	0	.	8	.	6	get it
RP-11	27/03/2001	0	.	8	.	8	get it
RP-12	05/07/2001	0	.	9	.	0	get it
RP-13	01/10/2001	0	.	9	.	2	get it
draft	23/11/2001	0	.	9	.	3	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 access; 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	<i>current version:</i> none		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> KALINER, Stefan		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> TP-12		<i>G:</i>	<i>MCC:</i> DIETZE, Claus		
			<i>U:</i> yes			
<i>history (event, available, version, comments):</i>						
	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	<i>remarks - this release:</i> TP-16: withdrawn; only Rel-5 remains valid.	
				2001-05-16)		
	TP-12		2 . 0 . 0	TP-010113		
	TP-12	06/07/2001	3 . 0 . 0	get it		
	TP-13	12/10/2001	3 . 1 . 0	get it		
	TP-15	28/03/2002	3 . 2 . 0	TP-16: withdrawn; only Rel-5 remains	get it	
				valid.		

R99 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.008	Subscriber and Equipment trace					
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SJÖBLOM, Kai		NOKIA Corporation
	<i>freeze_meeting:</i> SP-06		<i>G:</i>	<i>MCC:</i> N, A		
			<i>U:</i> yes			
<i>history (event, available, version, comments):</i>						
				<i>remarks - general:</i> Existence deduced from STF139 programme. But denied by Sjöblom.		
				<i>remarks - this release:</i> Not to be produced.		

TS 32.106	Configuration Management					
R99	<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-07		<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
			<i>U:</i> yes			
<i>history (event, available, version, comments):</i>						
	SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into eight parts	
	SP-06	17/12/1999	1 . 1 . 0	get it	<i>remarks - this release:</i> SP-08: multipart split from parent 3.0.1	
	SP-07		2 . 0 . 0			
	SP-07	17/03/2000	3 . 0 . 0	get it		
	Editorial	17/03/2000	3 . 0 . 1	withdrawn SP-08	get it	

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WITHDRAWN specs R99 32 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111 3G Fault Management

R99 *current version:* none *freeze_meeting:* SP-08
history (event, available, version, comments):

SP-05	13/10/1999	1	.	0	.	0		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 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		get it	<i>remarks - general:</i>	
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WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: *U:* yes *MCC:* POPE, Maurice

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 access; 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: SP-10</i>	G:	U: 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: SP-10</i>	G:	U: 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: SP-10</i>	G:	U: 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: SP-10</i>	G:	U: 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

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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 noneWG (prime / other): S3 /- rapporteur: WALKER, Michael VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice

history (event, available, version, comments):
SP-11 3 . 0 . 0

remarks - general: ex SAGE
remarks - this release: This turns out to be a report, so -> 35.909.

UMTS

UMTS 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.01U Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)

UMTS current version: none WG (prime / other): - / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC: N, A

history (event, available, version, comments):
smg-03 18/11/1994 3 . 0 . 0 remarks - general:
smg-18 21/05/1996 3 . 1 . 0 remarks - this release: .
smg-19 04/09/1996 3 . 2 . 0

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes

UMTS current version: none WG (prime / other): - / rapporteur: RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes MCC: N, A

history (event, available, version, comments):
smg-05 23/08/1993 3 . 0 . 0

remarks - general:
remarks - this release: .

UMTS 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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WITHDRAWN specs UMTS 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.03U	UMTS system requirements				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> RICHARDS, Derek John	Megisto Systems Inc.	
	<i>freeze_meeting:</i>	G: yes U:	MCC:		
	<i>history (event, available, version, comments):</i>				
	ETSI publication 15/05/1996 3 . 1 . 0				<i>remarks - general:</i> ETSI ETR 291 withdrawn. <i>remarks - this release:</i> ETSI ETR 291, withdrawn.
TS 01.04U	Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (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: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	smg-19 28/09/1996 3 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> .
TR 01.05U	System design methodology for the UMTS				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i>	G: yes U:	MCC:		
	<i>history (event, available, version, comments):</i>				
	draft 05/03/1997 1 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> .

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	<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: yes U:	MCC:	N, A	
	<i>history (event, available, version, comments):</i>				
	Suspended 10/04/1996 3 . 0 . 0				<i>remarks - general:</i> <i>remarks - this release:</i> .
	animation				

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WITHDRAWN specs UMTS 21 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

TR 21.01U Overall requirements on the radio interface(s) of the UMTS

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version, comments):
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: U: *MCC:* Skov USAI, Paolino
history (event, available, version, comments):
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 03/11/1998 3 . 0 . 1 *remarks - this release:*

TS 21.04U Requirements for the support of data services in UMTS

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* HOLLEY, Kevin mmO2 plc
freeze_meeting: G: U: *MCC:* N, A
history (event, available, version, comments):
draft 17/01/2000 1 . 0 . 0 *remarks - general:*
remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

TR 21.06U O&M requirements for the UMTS

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* WEICHSELBAUM, Steffen Vodafone D2 GmbH
freeze_meeting: G: U: *MCC:* N, A
history (event, available, version, comments):
First complete draft 19/10/1997 1 . 0 . 0 *remarks - general:*
Milestone 1 19/12/1997 1 . 1 . 2 *remarks - this release:*
WG approval 17/02/1997 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

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

TS 22.00U	UMTS Phase 1					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VERRIER, David	France Telecom		
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
	smg-27 1 . 0 . 0				<i>remarks - general:</i>	
	draft 24/11/1998 1 . 3 . 0				<i>remarks - this release:</i>	
TS 22.01U	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
	smg-21 3 . 0 . 0				<i>remarks - general:</i>	
	smg-22 3 . 1 . 0				<i>remarks - this release:</i>	
	smg-24 3 . 2 . 1					
	smg-27 17/10/1998 3 . 3 . 0					
TS 22.05U	Services and service capabilities					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel	France Telecom		
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
	smg-25 3 . 0 . 0				<i>remarks - general:</i>	
	smg-26 01/07/1998 3 . 1 . 0				<i>remarks - this release:</i>	
TR 22.07U	UMTS terminal and smart card concepts					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni	NOKIA Corporation		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<i>history (event, available, version, comments):</i>					
	smg-25 3 . 0 . 0				<i>remarks - general:</i>	
	smg-27 3 . 1 . 0				<i>remarks - this release:</i>	
	edito 29/10/1998 3 . 1 . 1					

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.21U	Virtual Home Environment				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version, comments):				remarks - general: remarks - this release: .
<hr/>					
TS 22.24U	Charging and Accounting Mechanism				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: CHAMBERS, David	MOTOROLA Ltd	
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version, comments): smg-25 28/05/1998 3 . 0 . 0				remarks - general: remarks - this release: #25: 3.0.0
<hr/>					
TS 22.25U	Quality of Service (QoS) and network performance				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: TIAINEN, Seppo	TeliaSonera AB	
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version, comments): smg-25 28/05/1998 3 . 1 . 0				remarks - general: remarks - this release: #25: 3.1.0
<hr/>					
TS 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: COOPER, David	Telecom Modus Limited	
	freeze_meeting:	G: U:	MCC: N, A		
	history (event, available, version, comments):				remarks - general: remarks - this release: .
<hr/>					
TS 22.30U	Service requirements on security				
UMTS	current version: none	WG (prime / other): - /	rapporteur: N, A	Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: 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 UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.35U	Service requirements on numbering, addressing and identities					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release: .</i>	
<hr/>						
TS 22.40U	Charging, billing and accounting principles					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release: .</i>	
<hr/>						
TS 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release: .</i>	
<hr/>						
TS 22.50U	Subscriber and service profile requirements					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release: .</i>	
<hr/>						
TS 22.55U	UMTS user identity modules					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:	MCC: N, A			
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> <i>remarks - this release: .</i>	

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>		
	smg-25 28/05/1998 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0		
<hr/>						
TS 22.70U	Virtual Home Environment					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>		
	smg-25 28/05/2001 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0		
<hr/>						
TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>		
	smg-25 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1		
	smg-27 17/10/1998 3 . 0 . 1					
<hr/>						
TS 22.72U	Real Time Multimedia in UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FISCHER, Ralf	ROBERT BOSCH GmbH		
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.75U	Service aspects; Advanced addressing					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KLEIER, Stephan	Vodafone D2 GmbH		
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>		
	smg-25 2 . 0 . 0			<i>remarks - this release:</i> #25: 2.0.0 #27: 3.0.0		
	smg-27 17/10/1998 3 . 0 . 0					

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

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WITHDRAWN specs UMTS 22 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.80U UMTS Relationship to other Standards

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* AXERUD, Bo
G: *U:* *MCC:* N, A

NOKIA TELECOMMUNICATIONS FINLAND

history (event, available, version, comments):

First complete draft 19/10/1997 1 . 0 . 2
WG approval 07/11/1997 2 . 0 . 0
Under TB change 20/03/1998 2 . 0 . 1
control.
Milestone 1 19/12/1997 2 . 0 . 1

remarks - general:
remarks - this release: #24: 2.0.1

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

TS 23.01U UMTS Network principles

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* OLSSON, Magnus
G: *U:* *MCC:* N, A

Telefon AB LM Ericsson

history (event, available, version, comments):

smg-27 24/02/1999 3 . 0 . 0

remarks - general:
remarks - this release: #27: for info

TS 23.05U UMTS Network principles

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 23.10U UMTS Access Stratum; Services and Functions

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* LOPEZ-TORRES, Oscar
G: *U:* *MCC:* N, A

T-MOBILE DEUTSCHLAND

history (event, available, version, comments):

smg-27 24/02/1999 3 . 0 . 0

remarks - general:
remarks - this release: #27: for info

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.20U	Evolution of the GSM platform towards UMTS					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> JARVIS, Andre	3		
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i> smg-27 1 . 0 . 0					<i>remarks - general:</i> <i>remarks - this release:</i> #27: for info
<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>	<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 23.50U	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i>	<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 23.60U	UMTS Network Aspects; UMTS data organization					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i>	<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 23.70U	UMTS Network Aspects; UMTS operations and procedures					
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>					<i>remarks - general:</i> <i>remarks - this release:</i> .

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WITHDRAWN specs UMTS 23 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.80U	UMTS Network Aspects; Signalling requirements for UMTS					
UMTS	<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>	G: U:	MCC: N, A			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

TS 23.90U	UMTS Network Aspects; Network performance requirements					
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>	G: U:	MCC: N, A			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

TS 23.95U	UMTS Network Aspects; Network functions relevant to satellites					
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>	G: U:	MCC: N, A			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

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>	G: U:	MCC: 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

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: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	G: U:	MCC: N, A		
			<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 25.10U	UMTS Radio Aspects; Channel coding				
UMTS	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	G: U:	MCC: N, A		
			<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 25.15U	UMTS Radio Aspects; Modulation				
UMTS	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	G: U:	MCC: N, A		
			<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 25.20U	UMTS Radio Aspects; Transmission and reception				
UMTS	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	G: U: yes	MCC: N, A		
			<i>remarks - general:</i> <i>remarks - this release: .</i>		

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

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WITHDRAWN specs UMTS 26 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

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

TR 27.00U Principles for handling of data services in the UMTS
UMTS *current version:* none *WG (prime / other):* S5 / - *rapporteur:* GABE, Axel SIEMENS AG
freeze_meeting: *G:* *U:* *MCC:* ZOICAS, Adrian
history (event, available, version, comments):
First complete draft 01/05/1996 1 . 2 . 1
remarks - general:
remarks - this release: .

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

TR 30.00U SMG - UMTS Work programme
UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version, comments):
smg-21 3 . 0 . 0 *remarks - general:*
smg-22 3 . 1 . 0 *remarks - this release:* #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1
smg-23 3 . 2 . 0
smg-24 3 . 3 . 0
smg-25 3 . 4 . 0
smg-26 07/07/1998 3 . 5 . 0
smg-27 3 . 6 . 1

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WITHDRAWN specs UMTS 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
freeze_meeting: G: U: *MCC:* N, A

history (event, available, version, comments):

smg-22		3	.	0	.	0
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

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

TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: G: U: *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL CIT
freeze_meeting: G: U: *MCC:* USAI, Paolino

history (event, available, version, comments):

TC change control	13/06/1997	3	.	0	.	0
smg-23	17/10/1997	3	.	1	.	0
smg-25	20/03/1998	3	.	2	.	0

remarks - general:
remarks - this release: #23: 3.1.0 #25: 3.2.0

TR 30.04U Definition of the limited number of UTRA concepts

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: G: U: *MCC:* Skov USAI, Paolino

history (event, available, version, comments):

First complete draft	01/06/1997	1	.	0	.	0
smg-22	14/06/1997	3	.	0	.	0
ETSI publication	03/11/1998	3	.	0	.	1

remarks - general:
remarks - this release: #22: 3.0.0

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WITHDRAWN specs UMTS 30 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.05U	UMTS terminology					
UMTS	current version: none	WG (prime / other):	- / -	rapporteur:		
	freeze_meeting:	G:	U:	MCC:	N, A	
	history (event, available, version, comments):			remarks - general:		
				remarks - this release:	.	
<hr/>						
TR 30.06U	UTRA Concept Evaluation Reports					
UMTS	current version: none	WG (prime / other):	GP / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting:	G:	U:	MCC:	USAI, Paolino	
	history (event, available, version, comments):			remarks - general:		
	First complete draft	01/12/1997	1 . 0 . 0	remarks - this release:	#24: 3.0.0	
	smg-24	15/12/1997	3 . 0 . 0			
<hr/>						
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):			remarks - general:		
	Creation of WI by	13/06/1997	2 . 0 . 0	remarks - this release:	#24: 3.1.0	
	WG/TB					
	TB approval	30/08/1997	3 . 0 . 0			
	smg-24	19/12/1997	3 . 1 . 0			
<hr/>						
<hr/>						
	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):			remarks - general:		
	smg-22		1 . 0 . 0	remarks - this release:	No progress since SMG#22.	
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WITHDRAWN specs UMTS 33 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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

TR 33.20U Security principles for the UMTS

UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
smg-19 13/06/1997 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #19: 3.0.0

TS 33.21U Security requirements

UMTS *current version: none*
freeze_meeting:
history (event, available, version, comments):
draft 16/07/1998 0 . 1 . 0
draft 22/07/1998 0 . 1 . 1
draft 31/07/1998 0 . 1 . 2
smg-27 31/07/1998 1 . 0 . 0
draft 05/10/1998 1 . 0 . 1
draft 19/10/1998 1 . 0 . 2
draft 31/10/1998 1 . 0 . 3
draft 20/11/1998 1 . 0 . 4
draft 27/02/1999 1 . 1 . 0
smg-28 27/02/1999 2 . 0 . 0
smg-28 3 . 0 . 0
smg-27 21/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: #27: for info

R98

R98 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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WITHDRAWN specs R98 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

smg-27	16/10/1998	0	.	1	.	0	get it <i>remarks - general:</i>
smg-28	12/02/1999	7	.	0	.	0	get it <i>remarks - this release:</i>
smg-29	25/06/1999	7	.	1	.	0	get it
smg-30	11/11/1999	7	.	2	.	0	get it

SP-15: withdrawn since SMG and PT-SMG no longer exist.

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none *WG (prime / other):* S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version, comments):

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version, comments):

TP-09 withdrawn	04/10/2000	7	.	0	.	0	get it <i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references
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remarks - this release: need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

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WITHDRAWN specs R98 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 current version: none WG (prime / other): - / rapporteur: VAN DER AREND, Peter Koninklijke KPN N.V.
freeze_meeting: smg-29 G: yes U: MCC: N, A
history (event, available, version, comments):

remarks - general:
remarks - this release: .

TS 04.53 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

R98 current version: none WG (prime / other): - / - rapporteur: NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 G: yes U: MCC: N, A
history (event, available, version, comments):

draft 14/03/1997 0 . 0 . 0
draft 16/02/1998 1 . 0 . 0
draft 27/03/1998 1 . 1 . 0
draft 13/07/1998 1 . 2 . 1
draft 31/07/1998 1 . 3 . 0
draft 17/09/1998 1 . 3 . 5
draft 18/09/1998 1 . 4 . 0
draft 28/09/1998 1 . 5 . 0
draft 05/10/1998 1 . 6 . 0

[get it](#) remarks - general: replaced by 08.62
[get it](#) remarks - this release: #25: 1.0.0 for info #27: 1.6.0 for info
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 current version: none WG (prime / other): T2 / - rapporteur: RODERMUND, Friedhelm Vodafone D2 GmbH
freeze_meeting: smg-29 G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version, comments):
smg-26 26/06/1998 7 . 0 . 0 withdrawn SP-09 [get it](#) remarks - general: TSG#9:withdrawn cos contains misleading information/references
remarks - this release: TSG#9:withdrawn cos contains misleading information/references

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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
freeze_meeting: smg-29

WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
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 & Clearwater	30/10/1999	2	.	0	.	5
Raleigh	03/11/1999	2	.	0	.	6
smg-30	11/11/1999	2	.	0	.	6
Phoenix	29/11/1999	2	.	0	.	7
smg-30 bis	06/12/1999	2	.	0	.	7
Colorado Spring	03/01/2000	2	.	0	.	8
Dallas	05/01/2000	2	.	0	.	9
smg-31	24/01/2001	2	.	1	.	0
Puerto Vallarta	26/01/2000	3	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

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

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WITHDRAWN specs R98 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.78	Project scheduling and open issues: CAMEL				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S2 / - G: yes U:	<i>rapporteur:</i> APRATH, Stefan <i>MCC:</i> YOON, Sang-Ui		Vodafone D2 GmbH
<i>history (event, available, version, comments):</i>					
	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	abandoned	get it		

TR 10.87	User to User Signalling (UUS)				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S2 / GP G: yes U:	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> YOON, Sang-Ui		T-MOBILE DEUTSCHLAND
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> No draft ever produced.					

TR 10.94	Follow Me supplementary service				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> SP / - G: yes U:	<i>rapporteur:</i> POSTMANN, Erwin <i>MCC:</i> POPE, Maurice		SIEMENS AG
<i>history (event, available, version, comments):</i>					
<i>remarks - general:</i>					
<i>remarks - this release:</i> No draft ever produced.					

R98 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 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 *freeze_meeting:* smg-29
WG (prime / other): G5 / S1 / NP / T2 / SCP / G4
rapporteur: SALMERON, Lidia TELEPLUS LIMITED

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

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 *freeze_meeting:* smg-29
WG (prime / other): G5 / S1 / NP / T2 / SCP / G4
rapporteur: SALMERON, Lidia TELEPLUS LIMITED

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

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 *freeze_meeting:* smg-29
WG (prime / other): G5 / G4, T3
rapporteur: SALMERON, Lidia TELEPLUS LIMITED

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

GP-13 21/02/2003 7 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version). this spec from

G5, and to approve a new R99 version not derived from R96 by CR;

also to withdraw the R96 version, since the R99 version will cover all previous Releases.

R97

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

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WITHDRAWN specs R97 01 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R97 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec this Release.

TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0

R97 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice One

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec this version.

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1

R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice One

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec this Release

TS 02.33 Lawful Interception (LI); Stage 1

R97 *current version:* none *WG (prime / other):* S3 / *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-26 *G: yes U:* *MCC:* POPE, Maurice

history (event, available, version, comments):

remarks - general:
remarks - this release: (No spec this Release)

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

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WITHDRAWN specs R97 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R97 *current version:* none *freeze_meeting:* smg-26
history (event, available, version, comments):

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

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97 *current version:* none *freeze_meeting:* smg-26
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N4 / SPAN / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 (To be withdrawn)

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R97 *current version:* none *freeze_meeting:* smg-26
history (event, available, version, comments):
smg-27 16/10/1998 6 . 0 . 0

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

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97 *current version:* none *freeze_meeting:* smg-26
history (event, available, version, comments):
draft 20/03/1998 0 . 7 . 1

WG (prime / other): - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH
G: yes U: *MCC:* N, A

[get it](#) *remarks - general:* Withdrawn since details included in the stage 3 spec.
remarks - this release: .

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

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WITHDRAWN specs R97 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 2
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* BAUMANN, Jürgen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.61 General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 04.62 General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
Table of Contents 14/11/1996 0 . 2 . 0
and Scope [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: .

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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 acces; 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	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> HEATON, Graham	Aether Systems Inc.	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
	smg-25 20/03/1998 1 . 0 . 0	get it	<i>remarks - general:</i> Scrapped.		
			<i>remarks - this release:</i> #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)		
<hr/>					
TR 10.20	Lawful Interception requirements for GSM				
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:	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version, comments):</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i> Replaced by 01.33.		
			<i>remarks - this release:</i> SMG#27:6.0.0; replaced by 01.33		
<hr/>					
TS 10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues				
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, comments):</i>				
	smg-25 6 . 0 . 0		<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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	<i>current version:</i> none	<i>WG (prime / other):</i> G5 / S1 /	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>freeze_meeting:</i> smg-26	NP /			
		T2 /			
		SCP /			
		G4			
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> SALMERON, Lidia		
			<i>remarks - general:</i> 2001-11-19: G4->G5.		
			<i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

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> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> SALMERON, Lidia		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G5 / G4, T3	<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:	<i>MCC:</i> SALMERON, Lidia		
		get it	<i>remarks - general:</i> 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take over <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version). this spec from		

G5, and to approve a new R99 version not derived from R96 by CR;

also to withdraw the R96 version, since the R99 version will cover all previous Releases.

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G3 / -	<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:	<i>MCC:</i> 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.		

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:	<i>MCC:</i> N, A		
			<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 R97 12 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP
rapporteur: TRUSS, Michael MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements
R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP
rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version, comments):

remarks - general:
remarks - this release: No spec.

R96

R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): SP / -
rapporteur: BERGMANN, Ansgar Deutsche Telekom AG
G: yes U: MCC: POPE, Maurice

history (event, available, version, comments):

smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-25 20/03/1998 5 . 2 . 0

SP-15: withdrawn since SMG and PT-SMG no longer exist.

[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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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>freeze_meeting:</i> smg-22	<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> smg-23 17/10/1997 5 . 0 . 0 withdrawn, smg-25	G: yes U:	<i>MCC:</i> POPE, Maurice			
		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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>history (event, available, version, comments):</i> draft 07/11/1995 1 . 0 . 0	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
		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>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,			
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
			<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc	
	<i>history (event, available, version, comments):</i> smg-23 5 . 0 . 0 SMG-25 withdrawn	G: yes U:	<i>MCC:</i> POPE, Maurice			
			<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>history (event, available, version, comments):</i>	G: yes U:	<i>MCC:</i> N, A			
			<i>remarks - general:</i> <i>remarks - this release:</i> .			

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

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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 freeze_meeting: smg-22	WG (prime / other): - / G: yes U:	rapporteur: SCHMIDT, Günter MCC: N, A	DETEMOBIL GMBH	
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 freeze_meeting: smg-22	WG (prime / other): - / G: yes U:	rapporteur: LE ROUX, Alain MCC: N, A	France Telecom	
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 freeze_meeting: smg-22	WG (prime / other): - / G: yes U:	rapporteur: LJUNGGREN, Tommy MCC: N, A	Northstream AB	
history (event, available, version, comments):					remarks - general: remarks - this release: .
TS 02.27	DECT access to GSM networks				
R96	current version: none freeze_meeting: smg-22	WG (prime / other): - / G: yes U:	rapporteur: CONRAD, Alan MCC: N, A	T-MOBILE DEUTSCHLAND	
history (event, available, version, comments):					remarks - general: remarks - this release: .
TS 02.28	UPT phase 1				
R96	current version: none freeze_meeting: smg-22	WG (prime / other): - / G: yes U:	rapporteur: KOSYDAR, L MCC: N, A	Indicate persons who left Company and wait for new One	
history (event, available, version, comments):					remarks - general: remarks - this release: .

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

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.29	Inter operation with UPT phase 2					
R96	current version: none freeze_meeting: smg-22	WG (prime / other): - /	rappporteur:			
	history (event, available, version, comments):	G: yes U:	MCC:	N, A		
			remarks - general:			
			remarks - this release:			
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R96	current version: none freeze_meeting: smg-22	WG (prime / other): S3 /	rappporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	history (event, available, version, comments):	G: yes U:	MCC:	POPE, Maurice		
	draft 13/05/1997 1 . 0 . 0	get it	remarks - general:			
	draft 01/10/1997 2 . 0 . 0	get it	remarks - this release:	#26: withdrawn		
	smg-23 17/10/1997 5 . 0 . 0 withdrawn	get it				
<hr/>						
TS 02.33	Lawful Interception (LI); Stage 1					
R96	current version: none freeze_meeting: smg-22	WG (prime / other): S3 /	rappporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH	
	history (event, available, version, comments):	G: yes U:	MCC:	POPE, Maurice		
	smg-19 1 . 0 . 0		remarks - general:			
	smg-20 2 . 0 . 0		remarks - this release:			
	smg-20 11/10/1996 5 . 0 . 0 withdrawn SMG-25	get it				
<hr/>						
TS 02.35	Universal access to freephone numbers; Stage 1					
R96	current version: none freeze_meeting: smg-22	WG (prime / other): - /	rappporteur:	COX, Alan	VODAFONE Group Plc	
	history (event, available, version, comments):	G: yes U:	MCC:	N, A		
			remarks - general:			
			remarks - this release:			
<hr/>						
TS 02.36	Premium rate services; Stage 1					
R96	current version: none freeze_meeting: smg-22	WG (prime / other): - /	rappporteur:			
	history (event, available, version, comments):	G: yes U:	MCC:	N, A		
			remarks - general:			
			remarks - this release:			

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

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WITHDRAWN specs R96 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	<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 02.38	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	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> Moved from T3 Jan-00.
	smg-29 1 . 0 . 0				<i>remarks - this release:</i>
<hr/>					
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i> SMG11->S4 at SMG#30
	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	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-21 14/02/1997 5 . 0 . 0	get it			<i>remarks - this release:</i> #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn
	smg-23 17/10/1997 5 . 1 . 0	get it			
	smg-24 19/12/1997 5 . 2 . 0	get it			
<hr/>					
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version, comments):</i>				<i>remarks - general:</i>
	smg-24 19/12/1997 5 . 0 . 0	get it			<i>remarks - this release:</i> #24: 5.0.0 @25: withdrawn

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 02.72	Call Deflection Service description; Stage 1				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> HABERMANN, Steffen <i>MCC:</i> CLAYTON, Michael	T-MOBILE DEUTSCHLAND	
<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / <i>G: yes U:</i>	<i>rapporteur:</i> SHARP, Iain <i>MCC:</i> N, A	NORTEL NETWORKS (EUROPE)	
<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> N, A	T-MOBILE DEUTSCHLAND	
<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>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S1 / - <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i> CLAYTON, Michael	T-MOBILE DEUTSCHLAND	
<i>history (event, available, version, comments):</i> smg-18 12/04/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 1 . 0 smg-21 14/02/1997 5 . 2 . 0 edito 19/01/1996 5 . 2 . 1 smg-23 17/10/1997 5 . 3 . 0		get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn		
<hr/>					
TS 02.92	Call Forward Enhancements (CFE) - Stage 1 description				
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> - / <i>G: yes U:</i>	<i>rapporteur:</i> RENAUD, Nicolas <i>MCC:</i> N, A	GEMPLUS Card International	
<i>history (event, available, version, comments):</i>			<i>remarks - general:</i> <i>remarks - this release:</i> .		

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WITHDRAWN specs R96 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R96	current version: none	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	5 . 0 . 0		remarks - general:		
	smg-19	5 . 1 . 0		remarks - this release:	#16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn	
	smg-20	5 . 2 . 0				
	smg-22	5 . 3 . 0				
	smg-23	5 . 4 . 0				
	smg-24	5 . 5 . 0				

TS 02.96	Name Identification Supplementary Services; Stage 1					
R96	current version: none	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, comments):					
	smg-24	5 . 0 . 0		remarks - general:		
				remarks - this release:	#24: 5.0.0 #25: withdrawn	

TS 02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1					
R96	current version: none	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-19	28/06/1996	5 . 0 . 0	get it	remarks - general:	
	smg-22	13/06/1997	5 . 1 . 0	get it	remarks - this release:	#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	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:	.	

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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 ORANGE PCS LTD
G: yes U: *MCC:* N, A

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
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / SPAN / T2 *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0 (To be withdrawn)

TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version, comments):
Table of Contents 01/09/1996 0 . 4 . 0
and Scope

WG (prime / other): - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: *MCC:* N, A

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

TS 03.36 Premium rate services - stage 2

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version, comments):

WG (prime / other): - / *rapporteur:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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

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WITHDRAWN specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca 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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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 access; U = required in systems with UMTS access.

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WITHDRAWN specs R96 04 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version, comments):</i>				
	smg-23 17/10/1997 5 . 0 . 0	get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.		
	smg-24 19/12/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #25:withdrawn		
<hr/>					
TS 04.70	Payphone services - stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<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 04.73	Malicious Call Identification (MCID); Stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND, Peter	Koninklijke KPN N.V.	
	<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 04.78	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND, Peter	Koninklijke KPN N.V.	
	<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 04.79	Support of optimal routing; Stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> VAN DER AREND, Peter	Koninklijke KPN N.V.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version, comments):</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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WITHDRAWN specs R96 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 Skov
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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

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WITHDRAWN specs R96 05 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.19	Service to GSM handportables in trains	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> WILTSHIRE, Timothy	Indicate persons who left Company and wait for new One
R96	<i>current version:</i> none	<i>G: yes U:</i>	Robin	
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> N, A	
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> .				
<hr/>				
TR 05.20	Fast moving Mobile Station (study)	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> REINER, Michaël	Eads Telecom Deutschland GmbH
R96	<i>current version:</i> none	<i>G: yes U:</i>	<i>MCC:</i> N, A	
	<i>freeze_meeting:</i> smg-22			
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> .				
<hr/>				
TS 05.30	General packet radio service requirements	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND
R96	<i>current version:</i> none	<i>G: yes U:</i>	<i>MCC:</i> N, A	
	<i>freeze_meeting:</i> smg-22			
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> .				
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<p>R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series</p>				
TS 07.57	Mobile Station Application Execution Environment (MExE); Stage 3	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CANDISH, John	Xtempus Ltd
R96	<i>current version:</i> none	<i>G: yes U:</i>	<i>MCC:</i> N, A	
	<i>freeze_meeting:</i> smg-22			
<i>history (event, available, version, comments):</i>				
<i>remarks - general:</i>				
<i>remarks - this release:</i> .				
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G = required in systems with GERAN acces; U = required in systems with UMTS 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 Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-24 5 . 0 . 0 smg-26: withdrawn *remarks - general:*
remarks - this release: .

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service
R96 *current version:* none *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels Peter MOTOROLA A/S
freeze_meeting: smg-22 Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version, comments):
smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn [get it](#) *remarks - general:*
remarks - this release: .

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling
R96 *current version:* none *WG (prime / other):* SPAN / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version, comments):
draft (ETSI TC 10/11/1997 5 . 2 . 1 [get it](#) *remarks - general:* EN 300 646
SPS) *remarks - this release:* .
draft (ETSI TC 18/05/1999 5 . 3 . 0 [get it](#)
SPS)
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

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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 GPT) across the Gn and Gp Interface

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version, comments):
smg-24 19/12/1997 5 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: #24: 5.0.0 #25: withdrawn

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version, comments):
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 20/01/1997 5 . 0 . 1

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

[get it](#) *remarks - general:* Replaced by 01.33.
[get it](#) *remarks - this release:* SMG#20:5.0.0

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

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WITHDRAWN specs R96 10 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:*
freeze_meeting: smg-22 G: yes U: *MCC:* YOON, Sang-Ui

history (event, available, version, comments):

smg-21	14/02/1997	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-22	13/06/1997	5	.	1	.	0	get it	<i>remarks - this release: #25: (5.x.y withdrawn)</i>
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: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.</i>

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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

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WITHDRAWN specs R96 11 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R96 *current version:* none *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP /
T2 /
SCP /
G4

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, comments):

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface

R96 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version, comments):

25/01/1996 5 . 0 . 0 SMG-16: withdrawn

[get it](#) *remarks - general:*
remarks - this release: #16: 5.0.0 withdrawn

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R96 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-22 13/06/1997 5 . 0 . 0
smg-23 17/10/1997 5 . 1 . 0
smg-25 20/03/1998 5 . 2 . 0
smg-26 26/06/1998 5 . 3 . 0
smg-27 16/10/1998 5 . 4 . 0
Editorial correction 16/10/1998 5 . 4 . 1
GP-09 15/05/2002 5 . 5 . 0 withdrawn

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

R96

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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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>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>history (event, available, version, comments):</i>	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>WG (prime / other):</i> S5 / S1 / NP	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)		
	<i>history (event, available, version, comments):</i>	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>WG (prime / other):</i> SP / -	<i>rapporteur:</i> VACANT,			
	<i>history (event, available, version, comments):</i>	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 access; 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 Teleca Limited
freeze_meeting: G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version, comments):
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

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WITHDRAWN specs Ph2 03 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.06 Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration
Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version, comments):
ETSI publication 13/09/1994 4 . 1 . 2 [get it](#) *remarks - general:*
ETSI OAP 06/03/1995 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn
ETSI publication 01/08/1995 4 . 2 . 1 [get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.59 BSC-BTS O&M Signalling Transport
Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
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 acces; U = required in systems with UMTS access.

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WITHDRAWN specs Ph2 09 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

Ph2 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors
Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech
Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version, comments):
remarks - general:
remarks - this release: (no such spec)

Ph2 **12** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)
Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version, comments):
draft 0 . 0 . 0
remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

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

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WITHDRAWN specs Ph1 00 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

Ph1

Ph1 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.02 Voice group call service study (UIC project)
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new One
history (event, available, version, comments): *G: yes U: MCC: N, A*
remarks - general:
remarks - this release: .

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.05 Simultaneous and Alternate Use of Services
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other): - / rapporteur: N, A* Indicate persons who left Company and wait for new One
history (event, available, version, comments): *G: yes U: MCC: N, A*
smg-01 06/05/1992 3 . 0 . 2 [get it](#) *remarks - general: MoU*
remarks - this release: .

TS 02.08 Quality of Service (QoS) / GSM system performance
Ph1 *current version: none* *freeze_meeting:* *WG (prime / other): - / - rapporteur: TWINGLER, Jonas* Northstream AB
history (event, available, version, comments): *G: yes U: MCC: N, A*
25/08/1995 0 . 2 . 0 [get it](#) *remarks - general:*
06/10/1995 0 . 2 . 1 [get it](#) *remarks - this release: .*
10/05/1994 3 . 0 . 0 [get it](#)
10/05/1994 3 . 0 . 1 [get it](#)

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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: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
<hr/>						
TS 02.12	Licensing					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
<hr/>						
TS 02.13	Subscription to the Services of a GSM PLMN					
Ph1	<i>current version: none</i> <i>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: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
<hr/>						
TS 02.14	Service Directory					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<i>remarks - general:</i> <i>remarks - this release: .</i>		
<hr/>						
TS 02.15	Circulation of mobile stations					
Ph1	<i>current version: none</i> <i>freeze_meeting:</i>	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A			Indicate persons who left Company and wait for new One
	<i>history (event, available, version, comments):</i>	<i>G: yes U:</i>	<i>MCC:</i> N, A			
				<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 Ph1 02 .- series
Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.21 Transferred account procedure and billing information

Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* S2 / *rapporteur:* N, A Indicate persons who left Company and wait for new One

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

history (event, available, version, comments):

Jan 1990 10/05/1994 3 . 3 . 0
? 10/05/1994 3 . 4 . 0

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

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* N, A

history (event, available, version, comments):

remarks - general:
remarks - this release: .

G = required in systems with GERAN 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 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version:* none
freeze_meeting:

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

history (event, available, version, comments):

smg-01		3 . 6 . 0	
smg-02		3 . 7 . 0	
smg-03		3 . 8 . 0	
smg-04		3 . 9 . 0	
smg-05		3 . 10 . 0	
smg-06		3 . 11 . 0	
smg-07		3 . 12 . 0	
smg-08	01/01/1995	3 . 13 . 0	get it
smg-09		3 . 14 . 0	
smg-10		3 . 15 . 0	
smg-11		3 . 16 . 0	
smg-12		3 . 17 . 0	
smg-14		3 . 18 . 0	
smg-17	01/01/1995	3 . 19 . 0	get it

remarks - general:
remarks - this release:

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph1 *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:*
G: yes U: *MCC:* N, A

history (event, available, version, comments):

draft 0 . 0 . 0

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

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

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

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

TS 24.04U	UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems				
<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
<i>freeze_meeting:</i>		<i>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>		

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