

3GPP TSG-CN
3GPP TSG-RAN
3GPP TSG-T
Meeting #18, New Orleans (USA), December 2002

Tdoc NP-020643
Tdoc RP-020870
Tdoc TP-020311

Source: MCC
<mailto:john.meredith@etsi.fr>
Title: Specs status list prior to TSGs#18
Document for: information

The following table shows the status list immediately prior to TSGs#18. It differs from that corresponding to the end of SA#17 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#11 but not those resulting from GERAN#12.

3GPP specification status

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Active or Withdrawn / Stopped (Active specs first)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

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Withdrawn / Stopped

ACTIVE specs

Rel-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
freeze_meeting: SP-16
history (event, available, version,

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

remarks - general:
remarks - this release: .

TR 21.905 Vocabulary for 3GPP Specifications

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
SP-17 16/09/2002 6 . 0 . 0

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

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

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

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

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

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

TS 22.101	Service aspects; Service principles								
Rel-6	current version: 6.1.0		WG (prime / other): S1 / -	rapporteur: DWYER, Paul		NORTEL NETWORKS (EUROPE)			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			get it	remarks - general:					
			get it	remarks - this release:	SP-020234 slide 11 justifies existence.				
<hr/>									
TS 22.105	Services and service capabilities								
Rel-6	current version: 6.0.0		WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-17 17/09/2002	6 . 0 . 0							
			get it	remarks - general:					
				remarks - this release:	.				
<hr/>									
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-6	current version: 6.1.0		WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg		SIEMENS AG			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			get it	remarks - general:					
			get it	remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
<hr/>									
TS 22.141	Presence service; Stage 1								
Rel-6	current version: 6.1.0		WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph		SBC Communications Inc.			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 19/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			get it	remarks - general:					
			get it	remarks - this release:	SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".				
<hr/>									
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1								
Rel-6	current version: 6.1.0		WG (prime / other): S1 /	rapporteur: JARVIS, Andre		Hutchison 3G UK Limited			
	freeze_meeting:		G: U: yes	MCC: CLAYTON, Michael					
	history (event, available, version,								
	SP-16 04/07/2002	6 . 0 . 0							
	SP-17 17/09/2002	6 . 1 . 0							
			get it	remarks - general:	Replaces 22.946. Note that stage 2 is 23.246.				
			get it	remarks - this release:	.				

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

3GPP specification status

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

TS 22.174	Push service; Stage 1								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-18			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	draft 27/03/2002	0 . 6 . 0	S1-020540	get it	<i>remarks - general:</i>				
	draft	0 . 8 . 1			<i>remarks - this release:</i> SP-15: Timed out of Rel-5.				
	SP-16	1 . 0 . 0	SP-020230 (inside liaison statement)						
	post SP-16 clean	04/07/2002	1 . 0 . 1	get it					
	up								
	SP-17 17/09/2002	2 . 0 . 0	SP-020571	get it					
	SP-17 16/09/2002	6 . 0 . 0		get it					

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>			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Spec number reserved; production depends on results of feasibility study				
					<i>remarks - this release:</i> .				

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			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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.				

TS 22.233	Transparent end-to-end packet-switched streamng service; Stage 1								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-17 17/09/2002	6 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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

3GPP specification status

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

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

Rel-6 *current version:* none *WG (prime / other):* S1 / *rapporteur:* AMERY, Paul ORANGE PCS LTD
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
remarks - general: Cf work item 'Generic user profile"
remarks - this release: SP-17: Expected for SP-18.

TS 22.242 Digital Rights Management (DRM); Stage 1

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S1 / *rapporteur:* WOOD, Nicholas Openwave Systems (N.I.) Ltd
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-15 19/03/2002 1 . 0 . 0 SP-020061
SP-16 04/07/2002 2 . 0 . 0 SP-020261
SP-16 04/07/2002 6 . 0 . 0
SP-17 17/09/2002 6 . 1 . 0

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S1 / *rapporteur:* WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.
freeze_meeting: *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
brought forwards 02/01/2002 1 . 0 . 0
from Rel-5
SP-15 27/03/2002 1 . 2 . 0 S1-020114
SP-17 19/09/2002 2 . 0 . 0 SP-020572
SP-17 16/09/2002 6 . 0 . 0

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

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

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S1 / *rapporteur:* KALLIOKULJU, Juha NOKIA MOBILE PHONES
freeze_meeting: *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
draft 24/04/2002 0 . 1 . 0
SP-17 16/09/2002 1 . 0 . 0 SP-020566

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

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

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

TS 22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i> 2002-10-08: created from 22.940.	
								<i>remarks - this release:</i> .	
TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios								
Rel-6	<i>current version:</i> 0.0.5	DRAFT		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> FRANK, Robert	TELIA AB			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	S1-18	0 . 0 . 5	S1-022295						
								<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
TR 22.857	Run-time independent framework feasibility study								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> WOODWARD, Ernest	Intel Sweden AB			
	<i>freeze_meeting:</i>			G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-17	30/08/2002	1 . 0 . 0					get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking								
Rel-6	<i>current version:</i> 6.0.0			<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,</i>								
	SP-15	19/03/2002	1 . 0 . 0					get it	<i>remarks - general:</i>
	SP-17	19/09/2002	2 . 0 . 0					get it	<i>remarks - this release:</i> .
	SP-17	16/09/2002	6 . 0 . 0					get it	
TR 22.950	Priority service feasibility study								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARRAHAN, James	Telcordia Technologies, Inc.			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-15	19/03/2002	1 . 0 . 0					get it	<i>remarks - general:</i> Additional rapporteur: B Pramanik (Telcordia).
	draft		1 . 1 . 0						<i>remarks - this release:</i> .
	SP-16	04/07/2002	2 . 0 . 0					get it	
	SP-16	04/07/2002	6 . 0 . 0					get it	

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

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

TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 1.0.0 DRAFT
freeze_meeting: SP-15
history (event, available, version,
draft 0 . 0 . 0 S1-020342
SP-17 16/09/2002 1 . 0 . 0 SP-020565

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

[get it](#) *remarks - general:*
remarks - this release: TP-16: anticipate v1.0.0 at TP-17.

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
S1-14 0 . 0 . 0
S1-15 0 . 1 . 0
S1 SES 0 . 2 . 0
S1 SES 0 . 3 . 0
SP-16 04/07/2002 1 . 0 . 0 SP-020259
SP-17 19/09/2002 2 . 0 . 0 SP-020570
SP-17 16/09/2002 6 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
[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
freeze_meeting:
history (event, available, version,
TP-17 18/09/2002 6 . 0 . 0
post TP-17: adds 24/09/2002 6 . 0 . 1
test vector file

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

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
TP-17 18/09/2002 6 . 0 . 0

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

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

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

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

TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	BRENK, Lars	TTPCom Ltd			
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-16 28/06/2002	6 . 0 . 0		get it	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.			
	TP-17 18/09/2002	6 . 1 . 0		get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	GOURRAUD,	ERICSSON RESEARCH CANADA			
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	Sept 00: "Open Service Architecture" removed from title.			
					<i>remarks - this release:</i>	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".			
<hr/>									
TR 23.141	Presence service; Architecture and functional description; Stage 2								
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>	G:	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
	draft 17/06/2002	0 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-17 04/10/2002	1 . 0 . 0		get it	<i>remarks - this release:</i>	.			
	SP-17 07/10/2002	6 . 0 . 0		get it					
						SP-020538 for approval			
						Many editorial corrections needed before fit for SDO publication.			
<hr/>									
TS 23.174	Push service; stage 2								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i>	G:	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	Rapporteur: "note that there are currently no plans for a Push stage 2 but it is			
					<i>remarks - this release:</i>	SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in			
	case ...".								
<hr/>									
TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	TOWLE, Thomas	Lucent Technologies			
	<i>freeze_meeting:</i>	G: yes	U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			

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

3GPP specification status

TS 23.234	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>					
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
	conversion from	0 . 1 . 0						<i>remarks - general:</i>	
	23.934 v0.5.0							<i>remarks - this release:</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

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>		<i>G:</i> U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	draft 28/05/2002	0 . 3 . 0						<i>remarks - general:</i>	Cf work item 'Generic user profile'
								<i>remarks - this release:</i>	RP-15: Delayed from Rel-5.

TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>	KÅLL, Jan NOKIA Corporation				
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-16 18/06/2002	6 . 0 . 0						<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
	SP-17 02/10/2002	6 . 1 . 0						<i>remarks - this release:</i>	Continues 23.871

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>		<i>G:</i> U: yes	<i>MCC:</i>	SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-16 22/07/2002	2 . 0 . 0						<i>remarks - general:</i>	
	SP-16 25/07/2002	6 . 0 . 0						<i>remarks - this release:</i>	TP-16: clear that service is Rel-6.

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

TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2

Rel-6 current version: 6.0.0

freeze_meeting:

history (event, available, version,

draft 12/04/2002 0 . 3 . 0

S2-24 0 . 4 . 0

post S2-24 22/05/2002 0 . 5 . 0

draft 28/05/2002 0 . 5 . 1

SP-16 04/07/2002 1 . 0 . 0 SP-020361

draft 19/07/2002 1 . 1 . 0

draft 22/07/2002 1 . 1 . 1

draft 16/09/2002 1 . 2 . 0

SP-17 24/09/2002 2 . 0 . 0 SP-020535

SP-17 03/10/2002 6 . 0 . 0

WG (prime / other): S2 /
G: U: yes

rapporteur: JARVIS, Andre
MCC: SULTAN, Alain

Hutchison 3G UK Limited

[get it](#)

remarks - general: This is a preparatory report which may result in the creation of a stage 2 TS

remarks - this release: SP-15: To be a Rel-6 service, not Rel-5.

[get it](#)

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

Rel-6 current version: 0.3.1

DRAFT

freeze_meeting: SP-18

history (event, available, version,

draft 07/08/2002 0 . 0 . 0

draft 24/09/2002 0 . 1 . 0

draft 24/09/2002 0 . 2 . 0

draft 14/11/2002 0 . 3 . 0

draft 14/11/2002 0 . 3 . 1

WG (prime / other): S2 / -
G: yes U: yes

rapporteur: MOUSSET, Claire
MCC: SULTAN, Alain

NORTEL NETWORKS (EUROPE)

[get it](#)

remarks - general: Work Item: SP-020140

remarks - this release: .

[get it](#)

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TR 23.934 3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition

Rel-6 current version: 1.0.0

DRAFT

freeze_meeting: SP-18

history (event, available, version,

S2-24 07/05/2002 0 . 1 . 0

SP-17 24/09/2002 1 . 0 . 0 SP-020536

WG (prime / other): S2 / -
G: U: yes

rapporteur: PAINT, Frédéric
MCC: SULTAN, Alain

Telenor AS

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remarks - general:

remarks - this release: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

[get it](#)

Rel-6

24 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

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

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

TS 24.241	3GPP generic user profile requirements; Stage 3; Access; Common objects								
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>		<i>G:</i>	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>		<i>U:</i> yes						
	draft 28/05/2002	0 . 3 . 0							
			get it	<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241				
				<i>remarks - this release:</i>	2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.				
<hr/>									
TR 24.841	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> N1 /	<i>rapporteur:</i> DRAGE, Keith	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i> NP-19		<i>G:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>		<i>U:</i> yes						
	draft 17/09/2002	0 . 1 . 0							
	draft 03/10/2002	0 . 2 . 0	get it	<i>remarks - general:</i>					
	N1-26 14/11/2002	0 . 3 . 0	get it	<i>remarks - this release:</i>	.				
			get it						
<hr/>									

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	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> FERNANDES, Edgar	MOTOROLA Ltd				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>		<i>U:</i> yes						
	RP-16	6 . 0 . 0							
				<i>remarks - general:</i>	RP16 agreed not to implement the CR				
				<i>remarks - this release:</i>	creating this version.				
<hr/>									
TS 25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)								
Rel-6	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KOULAKIOTIS, Dimitris	Nokia Telecommunications Inc.				
	<i>freeze_meeting:</i>		<i>G:</i>	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>		<i>U:</i> yes						
	draft 14/10/2002	1 . 1 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>	.				
<hr/>									

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Server ACTIVE specs Rel-6 25 .- series
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>			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TR 25.889	Viability deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study								
Rel-6	<i>current version:</i> 1.1.0		DRAFT	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> STAHLFJALL, Peter	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</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> .
<hr/>									
TR 25.891	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post Rel-5								
Rel-6	<i>current version:</i> 0.1.1		DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation			
	<i>freeze_meeting:</i>			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</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				
<hr/>									
TR 25.892	Analysis of OFDM for UTRAN enhancement								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> RP-19			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
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>			G: U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .

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

TR 25.895	Analysis of higher chip rates for UTRA TDD evolution	WG (prime / other): R1 / - G: U: yes	rapporteur: BEALE, Martin MCC: SASAKI, Tsukasa	IPWireless Inc.
Rel-6	current version: none freeze_meeting: history (event, available, version,			
			remarks - general: remarks - this release: 2002-10-07: anticipate approval at RP-20.	
<hr/>				
TR 25.896	Uplink enhancements for dedicated transport channels	WG (prime / other): R1 / - G: U: yes	rapporteur: RANTA-AHO, Karri MCC: SASAKI, Tsukasa	NOKIA Corporation
Rel-6	current version: none freeze_meeting: history (event, available, version,			
			remarks - general: remarks - this release: .	
<hr/>				
TR 25.897	Feasibility study on the evolution of UTRAN architecture	WG (prime / other): R3 / - G: U: yes	rapporteur: HWANG, Woonhee MCC: KRAUSE, Joern	NOKIA Corporation
Rel-6	current version: none freeze_meeting: history (event, available, version,			
			remarks - general: remarks - this release: .	
<hr/>				
TR 25.898	Power control enhancements for UTRA	WG (prime / other): R1 / - G: U: yes	rapporteur: MITRA, Diptendu MCC: SASAKI, Tsukasa	NOKIA UK Ltd
Rel-6	current version: none freeze_meeting: history (event, available, version,			
			remarks - general: remarks - this release: .	
<hr/>				
TR 25.992	Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements	WG (prime / other): RP / GP G: yes U: yes	rapporteur: KOULAKIOTIS, Dimitris MCC: GUTIERREZ MIGUELEZ, Cesar	Nokia Telecommunications Inc.
Rel-6	current version: none freeze_meeting: history (event, available, version,			
			remarks - general: remarks - this release: .	

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

TR 25.993 Typical examples of RABs and RBs supported by UTRA

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

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

remarks - general:
remarks - this release: SP-17: Currently the latest release version.

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:* 6.0.0
freeze_meeting:
history (event, available, version,
TP-16 25/06/2002 6 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

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

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

WG (prime / other): N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

remarks - general:
remarks - this release: NP-16: For earlier versions: see Rel-5.

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

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

WG (prime / other): N4 / - *rapporteur:* JANSSON, Jari NOKIA Corporation
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

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

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

TS 29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3	Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): N4 / - G: U: yes	rapporteur: SCHMITT, Peter MCC: KYMALAINEN, Kimmo	SIEMENS AG
					<i>remarks - general:</i> 2002-05-30: Created in response to proposed new WI in N4-020773. <i>remarks - this release:</i>	
<hr/>						
TS 29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3	Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): N4 / G: U: yes	rapporteur: SANDERS, David MCC: KYMALAINEN, Kimmo	VODAFONE Group Plc
					<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TR 29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description	Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> NP-19 <i>history (event, available, version,</i>	WG (prime / other): N1 / G: yes U: yes	rapporteur: HOBBS, Kevan MCC: JORGENSEN, Per Johan	Hutchison 3G UK Limited
					<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TR 29.962	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage	Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): N3 / - G: U: yes	rapporteur: BELLING, Thomas MCC: BOSWARTHICK, David	SIEMENS AG
					<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults	Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): N1 / RP G: yes U: yes	rapporteur: ANDERSEN, Niels Peter Skov MCC: JORGENSEN, Per Johan	MOTOROLA A/S
					<i>remarks - general:</i> 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to <i>remarks - this release:</i> . latest Release version.	

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

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

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

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-6 *current version:* 6.0.0
freeze_meeting: TP-17
history (event, available, version,
TP-17 18/09/2002 6 . 0 . 0

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
G: *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
remarks - this release: TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.

TS 31.113 USAT interpreter byte codes

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version,
TP-16 19/06/2002 6 . 0 . 0
TP-17 25/09/2002 6 . 1 . 0

WG (prime / other): T3 / *rapporteur:* ,
G: *U:* yes *MCC:* DIETZE, Claus

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

TS 31.114 USAT interpreter protocol and administration

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

WG (prime / other): T3 / *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
G: *U:* yes *MCC:* DIETZE, Claus

remarks - general:
remarks - this release: TP-15: Enhancements to Rel-5 envisaged.

TS 31.115 Secured packet structure for (U)SIM Toolkit applications

Rel-6 *current version:* 6.1.0
freeze_meeting:
history (event, available, version,
TP-16 26/06/2002 2 . 0 . 0 TP-020126
TP-16 19/06/2002 6 . 0 . 0
TP-17 23/09/2002 6 . 1 . 0

WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
G: *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* additional rapporteur: Florence Martin.
[get it](#) *remarks - this release:* SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.
[get it](#)

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

TS 31.116	Remote APDU Structure for (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie		GEMPLUS Card International		
	<i>freeze_meeting:</i>			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16 26/06/2002 2 . 0 . 0	TP-020127		get it	<i>remarks - general:</i> additional rapporteur: Florence Martin				
	TP-16 19/06/2002 6 . 0 . 0			get it	<i>remarks - this release:</i> SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.				
	TP-17 23/09/2002 6 . 1 . 0			get it					

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>			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-17 24/09/2002 2 . 0 . 0	TP-020219		get it	<i>remarks - general:</i> Test spec is 34.131.				
	TP-17 27/09/2002 6 . 0 . 0			get it	<i>remarks - this release:</i> .				

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

TS 32.140	Telecommunication management; Services operations management; Subscription management requirements								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey		TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.		
	<i>freeze_meeting:</i> SP-16			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002 1 . 0 . 0	SP-020012 (originally Rel-5)		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> SP-15: moved from Rel-5.				

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>			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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

TS 32.150	Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / T2	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc			
	<i>freeze_meeting:</i>			G: U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i> Justification: see SP-020608. Stage 3: see 27.150.	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.411	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>			G: yes U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 16/09/2002	1 . 0 . 0	SP-020500	get it				<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Information services								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>			G: yes U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); CORBA solution set								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>			G: yes U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements								
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	Motorola Inc.			
	<i>freeze_meeting:</i>			G: U: yes	MCC: ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1 . 0 . 0	SP-020330	get it				<i>remarks - general:</i>	
								<i>remarks - this release:</i> .	

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

TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan		Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RONKA, Kari		NOKIA Corporation
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	
<hr/>					
TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements				
Rel-6	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release: .</i>	

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

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

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

TS 32.684 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set
Rel-6 *current version:* none *freeze_meeting:* *history (event, available, version,* WG (prime / other): S5 / - rapporteur: PAL, Tapinder T-MOBILE DEUTSCHLAND
G: U: yes MCC: ZOICAS, Adrian
remarks - general:
remarks - this release: .

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

TS 33.234 3G security; Wireless Local Area Network (WLAN) interworking security
Rel-6 *current version:* 0.1.0 DRAFT WG (prime / other): S3 / - rapporteur: LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: G: U: yes MCC: POPE, Maurice
history (event, available, version, S3-25 23/10/2002 0 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TS 33.246 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)
Rel-6 *current version:* 0.0.1 DRAFT *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited
freeze_meeting: G: yes U: yes *MCC:* POPE, Maurice
history (event, available, version,
S3-25 23/10/2002 0 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TR 33.810 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution
Rel-6 *current version:* 1.0.1 DRAFT *WG (prime / other):* S3 / *rapporteur:* POPE, Maurice
freeze_meeting: SP-20 G: U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-17 1 . 0 . 0 SP-020507 (wronly labeled 33.910) *remarks - general:* 2002-07-22: was formerly 33.910.
edito post SP-17 18/09/2002 1 . 0 . 1 corrects spec number on front cover [get it](#) *remarks - this release:* SP-17: expect v2.0.0 at SP-18.

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

TS 34.131 Test specification for C-language binding for (U)SIM API
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-25 G: yes U: yes *MCC:* DIETZE, Claus
history (event, available, version,
T3-13 0 . 1 . 0 *remarks - general:* Base spec is 31.131.
TP-17 24/09/2002 0 . 1 . 1 TP-020223 [get it](#) *remarks - this release:* .
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

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

TS 41.104 GSM Release 6 specifications

Rel-6 *current version:* none
freeze_meeting: SP-16
history (event, available, version,

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

remarks - general:
remarks - this release: .

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

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

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-11
history (event, available, version,
GP-10 19/07/2002 6 . 0 . 0

WG (prime / other): G1 / *rapporteur:* GROSS, Robert TruePosition Inc.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Renumbered from 41.811.
remarks - this release: Renumbered from 41.811.

TR 45.902 Flexible layer 1

Rel-6 *current version:* 0.3.0 DRAFT
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 0
GP-12 26/11/2002 0 . 3 . 0 GP-023427

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

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
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* RONKA, Kari NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian

remarks - general:
remarks - this release: .

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

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	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc
	<i>freeze_meeting:</i>	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	
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> 6.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i>	
	<i>freeze_meeting:</i> SP-20	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version,</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>
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> 6.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i>	
	<i>freeze_meeting:</i> SP-20	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version,</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>
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> 6.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i>	
	<i>freeze_meeting:</i> SP-20	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	POPE, Maurice
	<i>history (event, available, version,</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>

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

TR 55.919 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S3 / *rapporteur:* ,
freeze_meeting: SP-20 *G:* yes *U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .

Rel-5

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

TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5 *current version:* 5.1.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-12 0 . 0 . 0 SP-010275 *remarks - general:*
SP-12 05/07/2001 0 . 1 . 0 SP-010381 [get it](#) *remarks - this release:* .
SP-13 01/10/2001 1 . 0 . 0 SP-010418 [get it](#)
SP-15 19/03/2002 1 . 1 . 0 SP-020095 [get it](#)
SP-15 19/03/2002 1 . 2 . 0 SP-020202 [get it](#)
SP-16 2 . 0 . 0
SP-16 2 . 1 . 0 SP-020274
SP-16 2 . 2 . 0 SP-020401
SP-16 19/06/2002 5 . 0 . 0 SP-020411 [get it](#)
SP-17 18/09/2002 5 . 1 . 0 [get it](#)

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

TS 21.111	USIM and IC card requirements								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan				T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> TP-16			<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-16	19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-17	18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .			
<hr/>									
TR 21.801	Specification drafting rules								
Rel-5	<i>current version:</i> 5.0.1			<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,</i>								
	SP-16	24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	edito	19/07/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .			
<hr/>									
TR 21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture								
Rel-5	<i>current version:</i> 0.5.0			<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> SULTAN, Alain				
	<i>history (event, available, version,</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				
<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,</i>								
	SP-16	24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	edito post SP-17	18/09/2002	5 . 0 . 1	corrects Release id on cover page	get it	<i>remarks - this release:</i> .			

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.5.0
freeze_meeting: SP-15
history (event, available, version,
SP-12 27/06/2001 5 . 0 . 0
SP-13 05/10/2001 5 . 1 . 0
SP-14 10/01/2002 5 . 2 . 0
SP-15 25/03/2002 5 . 3 . 0
SP-16 04/07/2002 5 . 4 . 0
SP-17 16/09/2002 5 . 5 . 0

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

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

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 04/07/2002 5 . 0 . 0

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

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

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

Rel-5 *current version:* 5.2.0
freeze_meeting: SP-15
history (event, available, version,
SP-14 10/01/2002 5 . 0 . 0
SP-15 25/03/2002 5 . 1 . 0
SP-16 04/07/2002 5 . 2 . 0

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

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

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

TS 22.004	General on supplementary services								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited		
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
				get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.011	Service accessibility								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLAIRE, Jean Paul		France Telecom		
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
	SP-17 17/09/2002	5	.	1	.	0			
				get it	<i>remarks - general:</i> Transfer>TSG#4				
				get it	<i>remarks - this release:</i> .				
<hr/>									
TS 22.016	International Mobile Equipment Identities (IMEI)								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
				get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> NGUYEN NGOC, Sebastien		France Telecom		
	<i>freeze_meeting:</i> SP-17			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-17 18/09/2002	5	.	0	.	0	identical to 4.1.0.		
				get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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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Server ACTIVE specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: TOIVANEN, Annukka MCC: CLAYTON, Michael	NOKIA Corporation	get it remarks - general: Transfer>TSG#4 remarks - this release: .
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0	WG (prime / other): S3 / G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One	get it remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). remarks - this release: .
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation	get it remarks - general: Transfer>TSG#4 remarks - this release: .
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	Rel-5 current version: 5.2.0 freeze_meeting: SP-15 history (event, available, version, SP-09 18/10/2000 5 . 0 . 0 SP-10 08/01/2001 5 . 1 . 0 SP-12 27/06/2001 5 . 2 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	get it remarks - general: Transfer>TSG#4 get it remarks - this release: get it
TS 22.041	Operator Determined Call Barring	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 19/07/2002 5 . 0 . 0	WG (prime / other): S1 / - G: yes U: yes	rapporteur: WOLAK, Stephen MCC: CLAYTON, Michael	VODA FONE Group Plc	get it remarks - general: Transfer>TSG#4 remarks - this release: .

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / - *rapporteur:* DAHLKVIST, Mikael ERICSSON MOBILE COMMUNICATIONS AB
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4.
remarks - this release: .

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-09 18/10/2000 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution
SP-11 02/04/2001 5 . 1 . 0 [get it](#) *remarks - this release:* Environment (MExE); Stage 1".
SP-13 05/10/2001 5 . 2 . 0 [get it](#)
SP-15 25/03/2002 5 . 3 . 0 [get it](#)
edito post SP-15 04/04/2002 5 . 3 . 1 [get it](#)
SP-16 04/07/2002 5 . 4 . 0 [get it](#)

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 25/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-16 04/07/2002 5 . 2 . 0 [get it](#)

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TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<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,</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 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<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,</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,</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,</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> 5.8.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-09 09/11/2000 5 . 0 . 0	unclear how to implement CR	get it	<i>remarks - general:</i>	
	SP-10 08/01/2001 5 . 1 . 0		get it	<i>remarks - this release:</i>	
	SP-11 02/04/2001 5 . 2 . 0		get it		
	SP-12 27/06/2001 5 . 3 . 0		get it		
	SP-13 05/10/2001 5 . 4 . 0		get it		
	SP-14 10/01/2002 5 . 5 . 0		get it		
	SP-15 25/03/2002 5 . 6 . 0		get it		
	SP-16 04/07/2002 5 . 7 . 0		get it		
	SP-17 17/09/2002 5 . 8 . 0		get it		
TS 22.079	Support of optimal routing; Stage 1				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	
TS 22.081	Line Identification supplementary services; Stage 1				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</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,</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,</i>								
	SP-16 19/07/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</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,</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,</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 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

EMCOM Ltd

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

NOKIA Corporation

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

EMCOM Ltd

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

EMCOM Ltd

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

TS 22.094 Follow Me service description- Stage 1

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

Deutsche Telekom AG

[get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5
remarks - this release: .

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TS 22.096 Name identification supplementary services; Stage 1

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

EMCOM Ltd

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

NORTEL NETWORKS (EUROPE)

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

TS 22.101 Service aspects; Service principles

Rel-5 *current version:* 5.7.0
freeze_meeting: SP-15
history (event, available, version,
SP-09 18/10/2000 5 . 0 . 0
SP-10 08/01/2001 5 . 1 . 0
SP-11 02/04/2001 5 . 2 . 0
SP-12 27/06/2001 5 . 3 . 0
SP-13 05/10/2001 5 . 4 . 0
SP-15 25/03/2002 5 . 5 . 0
SP-16 04/07/2002 5 . 6 . 0
SP-17 17/09/2002 5 . 7 . 0

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

NORTEL NETWORKS (EUROPE)

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

TS 22.105 Services and service capabilities

Rel-5 *current version:* 5.2.0
freeze_meeting: SP-15
history (event, available, version,
SP-13 05/10/2001 5 . 0 . 0
SP-15 25/03/2002 5 . 1 . 0
SP-16 04/07/2002 5 . 2 . 0

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

France Telecom

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

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TS 22.112	USIM toolkit interpreter; Stage 1								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MEYER, Michael					
	<i>freeze_meeting:</i> TP-15		G: U: yes	<i>MCC:</i> DIETZE, Claus					GIESECKE & DEVRIENT GmbH
	<i>history (event, available, version,</i>								
	TP-13 12/10/2001	5 . 0 . 0							
				get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.115	Service Aspects Charging and billing								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO,					TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	Emanuele					
	<i>history (event, available, version,</i>			<i>MCC:</i> CLAYTON, Michael					
	SP-11 02/04/2001	5 . 0 . 0							
	SP-12 27/06/2001	5 . 1 . 0							
	SP-15 28/03/2002	5 . 2 . 0							
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
				get it					
<hr/>									
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1								
Rel-5	<i>current version:</i> 5.3.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke					FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	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.
				get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment;			
				get it	<i>remarks - this release:</i>	Stage 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	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg					SIEMENS AG
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	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							
				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

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TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems					
Rel-5	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	SAMPSON, Nick	ORANGE PCS LTD
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	SP-13 05/10/2001			get it	remarks - general:	
	SP-14 10/01/2002			get it	remarks - this release: .	
	SP-16 04/07/2002			get it		
	5 . 0 . 0					
	5 . 1 . 0					
	5 . 2 . 0					
<hr/>						
TS 22.135	Multicall; Service description; Stage 1					
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: SP-16	G:	U: yes	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	SP-16 19/07/2002			get it	remarks - general:	
	5 . 0 . 0				remarks - this release: .	
<hr/>						
TS 22.140	Multimedia Messaging Service (MMS); Stage 1					
Rel-5	current version: 5.3.0	WG (prime / other):	S1 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG
	freeze_meeting: SP-15	G:	U: yes	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	SP-14 10/01/2002			get it	remarks - general: (development in T2)	
	SP-15 28/03/2002			get it	remarks - this release: .	
	SP-16 04/07/2002			get it		
	SP-17 17/09/2002			get it		
	5 . 0 . 0					
	5 . 1 . 0					
	5 . 2 . 0					
	5 . 3 . 0					
<hr/>						
TS 22.226	Global text telephony (GTT); Stage 1: Service description					
Rel-5	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	HELLSTROM, Gunnar	The Swedish Handicap Institute
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	CLAYTON, Michael	
	history (event, available, version,					
	SP-09 27/11/2000			get it	remarks - general: SP-16: to "GERAN" set.	
	SP-12 27/06/2001			get it	remarks - this release: WI approved TSG#7	
	SP-12 27/06/2001			get it		
	SP-13 05/10/2001			get it		
	SP-15 28/03/2002			get it		
	1 . 0 . 0					
	2 . 0 . 0					SP-010266
	5 . 0 . 0					
	5 . 1 . 0					
	5 . 2 . 0					

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S1 / *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*
SP-10 12/01/2001 5 . 0 . 0 [get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.
SP-11 02/04/2001 5 . 1 . 0 [get it](#)
SP-12 27/06/2001 5 . 2 . 0 [get it](#)
SP-13 05/10/2001 5 . 3 . 0 [get it](#)
SP-14 10/01/2002 5 . 4 . 0 [get it](#)
SP-15 28/03/2002 5 . 5 . 0 [get it](#)
SP-16 19/07/2002 5 . 6 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
S1-12 0 . 1 . 0 *remarks - general:*
S1-13 0 . 2 . 0 *remarks - this release:* .
S1-14 0 . 3 . 0
SP-14 02/01/2002 1 . 0 . 0 SP-010733 [get it](#)
SP-15 19/03/2002 2 . 0 . 0 SP-020062 [get it](#)
SP-15 27/03/2002 5 . 0 . 0 [get it](#)

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,
remarks - general:
remarks - this release: .

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

TR 22.941	IP based multimedia framework; Stage 0								
Rel-5	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</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.				
	draft 15/10/2001	0 . 4 . 1		get it					
	SP-14 02/01/2002	0 . 7 . 0	NP-010701 (!)	get it					
<hr/>									
TR 22.944	Service requirements for UE functionality split								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GUPTA, Sanjay	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</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					
<hr/>									
TR 22.976	Study on PS domain services and capabilities								
Rel-5	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</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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TS 23.002	Network architecture					
Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		SOURCE COM
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</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			

TS 23.003	Numbering, Addressing and Identification					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE Group Plc
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-12 27/06/2001	5 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-13 03/10/2001	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	NP-14 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			

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 Group Plc
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 21/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TS 23.008	Organisation of subscriber data					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf		ALCATEL SEL AG
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002	5 . 0 . 0	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			

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TS 23.009	Handover procedures					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,		Ericsson Incorporated
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> Rouzbeh		
	<i>history (event, available, version,</i>			JORGENSEN, Per Johan		
	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				
<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,</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		SONERA Corporation
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert		SIEMENS AG
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-16 26/06/2002 5 . 0 . 0	get it			<i>remarks - general:</i> Should not be in UMTS ????	
	NP-17 17/09/2002 5 . 1 . 0	get it			<i>remarks - this release:</i> .	
<hr/>						
TS 23.015	Technical realisation of Operator Determined Barring (ODB)					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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TS 23.016	Subscriber data management; Stage 2					
Rel-5	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	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				
<hr/>						
TS 23.018	Basic Call Handling; Technical realization					
Rel-5	current version: 5.4.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	NP-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
		get it		remarks - general:		
		get it		remarks - this release:	.	
		get it				
		get it				
<hr/>						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2					
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	CARRION RODRIGO,	NOKIA Corporation
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	Inmaculada	
	history (event, available, version,				JORGENSEN, Per Johan	
	NP-16 26/06/2002	5	.	0	.	0
		get it		remarks - general:		
				remarks - this release:	.	
<hr/>						
TS 23.035	Immediate Service Termination (IST); Stage 2					
Rel-5	current version: 5.1.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-16 24/06/2002	5	.	0	.	0
	SP-17 18/09/2002	5	.	1	.	0
		get it		remarks - general:	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).	
		get it		remarks - this release:	.	

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TS 23.038 Alphabets and language-specific information

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-15
history (event, available, version,
TP-15 21/03/2002 5 . 0 . 0

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

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

TR 23.039 Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-15
history (event, available, version,
TP-16 02/07/2002 5 . 0 . 0

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

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

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-5 *current version:* 5.5.1
freeze_meeting: TP-15
history (event, available, version,
NP-12 05/07/2001 5 . 0 . 0
TP-13 03/10/2001 5 . 1 . 0
TP-14 11/01/2002 5 . 2 . 0
TP-15 26/03/2002 5 . 3 . 0
TP-16 05/07/2002 5 . 4 . 0
TP-17 18/09/2002 5 . 5 . 0
post TP-17: adds 24/09/2002 5 . 5 . 1
test vector file

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

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

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

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

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

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TS 23.042	Compression algorithm for SMS								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> HARRIS, Ian		Teleca Limited		
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-16 26/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> T3 / -		<i>rapporteur:</i> BARNES, Nigel		MOTOROLA Ltd		
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-12 06/07/2001	5 . 0 . 0		get it	<i>remarks - general:</i>	TP-12: replaces 43.048.			
	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					
<hr/>									
TS 23.053	Tandem Free Operation (TFO); Service description; Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / S2		<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	No draft.			
					<i>remarks - this release:</i>				
<hr/>									
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> BRENK, Lars		TTPCom Ltd		
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.			
	TP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									

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TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DELECKI, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> SULTAN, Alain			
	<i>history (event, available, version,</i>					
	SP-14 08/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 05/04/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-16 17/06/2002 5 . 2 . 0	get it				
	SP-17 02/10/2002 5 . 3 . 0	get it				
<hr/>						
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5			
			<i>remarks - this release:</i> .			
<hr/>						
TS 23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 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,</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> 5.1.0	<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,</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.			

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TS 23.079	Support of Optimal Routing (SOR); Technical realization; Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	Chalmers			
	<i>history (event, available, version,</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> .			
<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	SONERA Corporation		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	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	SONERA Corporation		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 21/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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 Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0	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 Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-12 27/06/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

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

WG (prime / other): N4 / - *rapporteur:* CROOK, Mick
G: yes U: yes *MCC:* KYMALAINEN, Kimmo ORANGE PCS LTD

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

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

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

TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

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

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

history (event, available, version,
NP-16 21/06/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0

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

TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

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

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

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0

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

TS 23.094 Follow Me Stage 2

Rel-5 *current version:* 5.0.1
freeze_meeting: NP-15

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

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0
post NP-16 edito: 01/07/2002 5 . 0 . 1
make fig 5.1

[get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5
[get it](#) *remarks - this release:* .

TS 23.096 Name Identification Supplementary Service; Stage 2

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

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

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0

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

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

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

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

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0

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

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

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

TS 23.107 Quality of Service (QoS) concept and architecture

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

SP-11	11/04/2001	5	.	0	.	0
SP-12	29/06/2001	5	.	1	.	0
SP-13	12/10/2001	5	.	2	.	0
SP-14	07/01/2002	5	.	3	.	0
SP-15	07/04/2002	5	.	4	.	0
SP-16	17/06/2002	5	.	5	.	0
SP-17	24/09/2002	5	.	6	.	0

WG (prime / other): S2 / - *rapporteur:* GREIS, Marc
G: yes *U:* yes *MCC:* SULTAN, Alain

NOKIA Corporation

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-16
history (event, available, version,

NP-16	28/06/2002	5	.	0	.	0
-------	------------	---	---	---	---	---

WG (prime / other): N1 / - *rapporteur:* SALKINTZIS, Apostolis
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

MOTOROLA GmbH

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

TS 23.116 Super-Charger technical realization; Stage 2

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

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

WG (prime / other): N4 / - *rapporteur:* ALLEN, Nicholas
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

Indicate persons who left Company and wait for new One

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

TS 23.119 Gateway Location Register (GLR); Stage2

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

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

WG (prime / other): N4 / - *rapporteur:* SAWADA, Masahiro
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

NTT DoCoMo Inc.

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

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

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

TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HIETALAHTI, Hannu		NOKIA Corporation		
	<i>freeze_meeting:</i> NP-15		G: U: yes		<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</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 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> GOURRAUD,		ERICSSON RESEARCH CANADA		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-14 07/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.				
	SP-15 05/04/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	SP-16 17/06/2002	5 . 2 . 0		get it					
<hr/>									
TS 23.135	Multicall supplementary service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> MITAMURA, Kazuo		NTT COMWARE Corporation		
	<i>freeze_meeting:</i> NP-15		G: U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> LAUMEN, Josef		SIEMENS AG		
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-13 05/10/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
	TP-14 11/01/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend SDO publication till it is available.				
	TP-15 29/03/2002	5 . 2 . 0		get it					
	TP-16 05/07/2002	5 . 3 . 0		get it					
					Schema delivered 2002-07-07 (uploaded -19) to http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1				
	TP-17 30/09/2002	5 . 4 . 0		get it	Schema v1.1 uploaded 2002-11-14				

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

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* HAGIWARA, Junichiro NTT DoCoMo Inc.
freeze_meeting: NP-15 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-16 28/06/2002 5 . 0 . 0

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

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-15 28/03/2002 5 . 0 . 0
NP-16 21/06/2002 5 . 1 . 0
NP-17 18/09/2002 5 . 2 . 0

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version,
draft 18/04/2002 1 . 0 . 0
NP-16 25/06/2002 2 . 0 . 0 NP-020168
NP-16 28/06/2002 5 . 0 . 0

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

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* GARCIA-MENDIVE, Elena Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-14 10/01/2002 5 . 0 . 0
NP-15 28/03/2002 5 . 1 . 0
NP-16 21/06/2002 5 . 2 . 0
NP-17 18/09/2002 5 . 3 . 0

[get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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

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

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

WG (prime / other): S2 / - *rapporteur:* OYAMA, Johnson
G: yes U: yes *MCC:* SULTAN, Alain

Nippon Ericsson K.K.

SP-12 2 . 0 . 0 SP-010337
SP-12 02/07/2001 5 . 0 . 0
SP-13 15/10/2001 5 . 1 . 0
SP-14 07/01/2002 5 . 2 . 0
SP-15 05/04/2002 5 . 3 . 0
SP-16 18/06/2002 5 . 4 . 0
SP-17 24/09/2002 5 . 5 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: .*
[get it](#)
[get it](#)
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TS 23.218 IP Multimedia (IM) session handling; IM call model; Stage 2

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

WG (prime / other): N1 / - *rapporteur:* ALLEN, Andrew
G: yes U: yes *MCC:* JORGENSEN, Per Johan

dynamicsoft Inc.

draft 30/03/2001 0 . 5 . 0
draft 20/08/2001 0 . 5 . 2
draft 11/09/2001 0 . 6 . 0
draft 10/10/2001 0 . 7 . 0
draft 05/11/2001 0 . 8 . 0
draft 19/11/2001 0 . 9 . 0
NP-14 05/12/2001 1 . 0 . 0 NP-010640
draft 22/01/2002 1 . 1 . 0
draft 06/02/2002 1 . 2 . 0
draft 26/02/2002 2 . 0 . 0
NP-15 19/03/2002 2 . 0 . 1 NP-020047
NP-15 19/03/2002 5 . 0 . 0
NP-16 25/06/2002 5 . 1 . 0
NP-17 17/09/2002 5 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: .*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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

TS 23.221	Architectural requirements								
Rel-5	<i>current version:</i> 5.6.0								
	<i>freeze_meeting:</i> SP-15								
	<i>history (event, available, version,</i>								
	SP-11	06/04/2001	5	.	0	.	0		
	SP-12	02/07/2001	5	.	1	.	0	get it	<i>remarks - general:</i> Derived from R99-specific 23.121
	SP-13	12/10/2001	5	.	2	.	0	get it	<i>remarks - this release:</i>
	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	

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

TS 23.226	Global text telephony (GTT); Stage 2: Architecture								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	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	

WG (prime / other): S2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
G: yes *U:* yes *MCC:* SULTAN, Alain

TS 23.227	Application and user interaction in the UE; Principles and specific requirements								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> TP-15								
	<i>history (event, available, version,</i>								
	TP-14	11/01/2002	5	.	0	.	0	get it	<i>remarks - general:</i>
	TP-15	26/03/2002	5	.	1	.	0	get it	<i>remarks - this release:</i> .

WG (prime / other): T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
G: *U:* yes *MCC:* RODERMUND, Friedhelm

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

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

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5 *current version:* 5.6.0
freeze_meeting: SP-15

WG (prime / other): S2 / - *rapporteur:* TOWLE, Thomas
G: yes *U:* yes *MCC:* SULTAN, Alain Lucent Technologies

history (event, available, version,

draft 30/11/2000 1 . 0 . 0

SP-10 10/01/2001 1 . 4 . 0 SP-000598

draft 06/02/2001 1 . 7 . 0

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

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

SP-13 17/10/2001 5 . 2 . 0

repair of lost 5 . 2 . 1

figures

SP-14 04/01/2002 5 . 3 . 0

SP-15 08/04/2002 5 . 4 . 0

edito post SP-15 12/04/2002 5 . 4 . 1

SP-16 17/06/2002 5 . 5 . 0

SP-17 30/09/2002 5 . 6 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: SP-15: No IMS support in Rel-5.

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

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

WG (prime / other): S2 / - *rapporteur:* TERRILL, Stephen
G: yes *U:* yes *MCC:* SULTAN, Alain Telefon AB LM Ericsson

history (event, available, version,

SP-12 12/07/2001 1 . 0 . 0 SP-010338

draft 16/08/2001 1 . 1 . 0

SP-13 01/10/2001 2 . 0 . 0 SP-010507

SP-13 2 . 1 . 0 not made available

SP-13 15/10/2001 5 . 0 . 0

SP-14 07/01/2002 5 . 1 . 0

SP-15 05/04/2002 5 . 2 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.240 3GPP generic user profile requirements; Stage 2; Architecture

Rel-5 *current version:* none
freeze_meeting: SP-15

WG (prime / other): S2 / *rapporteur:* UZQUIANO, Nacho
G: *U:* yes *MCC:* SULTAN, Alain TELEFONICA DE ESPAÑA SA

history (event, available, version,

remarks - general: Cf work item 'Generic user profile'

remarks - this release: SP-17: anticipate 1.0.0 at SP-18, 2.0.0 at SP-19.

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

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

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

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

WG (prime / other): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
G: yes U: yes *MCC:* SULTAN, Alain

SP-13 15/10/2001 5 . 0 . 0
SP-14 07/01/2002 5 . 1 . 0
SP-15 29/03/2002 5 . 2 . 0
SP-16 18/06/2002 5 . 3 . 0
SP-17 24/09/2002 5 . 4 . 0

[get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)

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

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-18
history (event, available, version,

WG (prime / other): N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies
G: yes U: yes *MCC:* JURISIC, Andrijana

NP-14 02/01/2002 1 . 0 . 0 NP-010586
NP-15 19/03/2002 1 . 1 . 0 NP-020059
NP-16 26/06/2002 2 . 0 . 0 NP-020207 - not approved
NP-17 24/09/2002 2 . 1 . 0 NP-020348
NP-17 17/09/2002 5 . 0 . 0

[get it](#) *remarks - general:* 2001-10-26: renumbered from 23.178.
[get it](#) *remarks - this release:* Was briefly 23.178. CAMEL Phase 4.
[get it](#)
[get it](#)
[get it](#)

TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-15
history (event, available, version,

WG (prime / other): S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG
G: yes U: yes *MCC:* SULTAN, Alain

draft 0 . 0 . 0 2001-08
S2-19 0 . 1 . 0 2001-10

S2-20 20/11/2001 0 . 2 . 0
S2-21 04/12/2001 0 . 3 . 0
SP-14 11/01/2002 1 . 0 . 0 SP-010718
SP-15 19/03/2002 2 . 0 . 0 SP-020144
SP-15 05/04/2002 5 . 0 . 0

remarks - general: Was 23.915.
remarks - this release: 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).

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

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

TR 23.871	Enhanced support for user privacy in Location Services (LCS)								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> KÅLL, Jan		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</i>					
	draft	0 . 0 . 1						<i>remarks - general:</i>	
	draft	0 . 0 . 2						<i>remarks - this release:</i> Not to progress to Rel-6: see 23.271.	
	draft	0 . 0 . 3							
	draft	0 . 1 . 0							
	S2-21	0 . 2 . 0							
	draft	0 . 3 . 0							
	draft	0 . 4 . 0							
	SP-14 02/01/2002	1 . 0 . 0	SP-010717					get it	
	S2-23	1 . 2 . 0							
	draft 19/03/2002	1 . 3 . 0						get it	
	SP-15	2 . 0 . 0	not presented						
	SP-16 22/07/2002	2 . 1 . 0	SP-020379					get it	
	SP-16 25/07/2002	5 . 0 . 0						get it	
TR 23.875	Support of Push service								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki		NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-15			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</i>					
	SP-13 16/10/2001	5 . 0 . 0	derived from SP-010508					get it	<i>remarks - general:</i> SP-13: changed number from 23.974.
	SP-14 04/04/2002	5 . 1 . 0						get it	<i>remarks - this release:</i> .
TR 23.910	Circuit switched data bearer services								
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-15			<i>G:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>			<i>U: yes</i>					
	NP-14 11/01/2002	5 . 0 . 0						get it	<i>remarks - general:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
	NP-17 17/09/2002	5 . 1 . 0						get it	<i>remarks - this release:</i> .
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			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U: yes</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>

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

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

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>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</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>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</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> 5.5.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</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				
NP-13	05/10/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>	. be resolved till Jun00.				
NP-14	10/01/2002	5 . 2 . 0	get it						
NP-15	21/03/2002	5 . 3 . 0	get it						
NP-16	24/06/2002	5 . 4 . 0	get it						
NP-17	17/09/2002	5 . 5 . 0	get it						
TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support 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 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i> NP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and tele services								
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>history (event, available, version,</i> NP-14 16/01/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David						
		get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link						
			<i>remarks - this release:</i> . Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)						
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> NP-15	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>history (event, available, version,</i> NP-15 28/03/2002 5 . 0 . 0 NP-16 21/06/2002 5 . 1 . 0	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
		get it	<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.						
		get it	<i>remarks - this release:</i> .						
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					
	<i>history (event, available, version,</i> NP-16 24/06/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						
TS 24.072	Call Deflection 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>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG					
	<i>history (event, available, version,</i> NP-16 24/06/2002 5 . 0 . 0	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo						
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> .						

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TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0	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				
<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	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.082	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	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 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 Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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 Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

SIEMENS AG

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

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

SIEMENS AG

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

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

SIEMENS AG

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

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

SIEMENS AG

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

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

WG (prime / other): N4 / - *rapporteur:* BRUSS, Jörg
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

ERICSSON Eurolab Deutschland GmbH

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Server ACTIVE specs Rel-5 24 .- series
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TS 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

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

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

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

TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

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

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

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

TS 24.096 Name Identification Supplementary Service; Stage 3

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

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

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

TS 24.135 Multicall supplementary service; Stage 3

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

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

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

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Server ACTIVE specs Rel-5 24 .- series
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:* 5.2.0 *WG (prime / other):* N1 / - *rapporteur:* KISS, Krisztian NOKIA Corporation
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,

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

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

Rel-5	current version: 5.2.0	WG (prime / other): N1 / -	rapporteur: DRAGE, Keith	Lucent Technologies Network Systems UK
	freeze_meeting: NP-16	G: yes U: yes	MCC: JORGENSEN, Per Johan	
history (event, available, version,				
NP-10	0 . 0 . 6		remarks - general:	NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-10 05/01/2001	0 . 0 . 7	N1-001115->1379 (NP-000684)	remarks - this release:	
draft 26/03/2001	0 . 1 . 0		get it	
draft 10/05/2001	0 . 2 . 0		get it	
draft 26/06/2001	0 . 3 . 0		get it	
draft 26/07/2001	0 . 4 . 0		get it	
draft 12/09/2001	0 . 5 . 0		get it	
draft 09/10/2001	0 . 6 . 0		get it	
draft 24/10/2001	0 . 7 . 0		get it	
draft 19/11/2001	0 . 8 . 0		get it	
NP-14 06/12/2001	1 . 0 . 0	NP-010642	get it	
draft 22/01/2002	1 . 1 . 0		get it	
draft 06/02/2002	1 . 2 . 0		get it	
draft 06/02/2002	1 . 2 . 1		get it	
draft 27/02/2002	2 . 0 . 0		get it	
NP-15 19/03/2002	2 . 0 . 2	NP-020049	get it	
NP-15 19/03/2002	5 . 0 . 0	not frozen	get it	
NP-16 28/06/2002	5 . 1 . 0	CR009 not implemented; expect further CR at NP-17 to remove it.	get it	
NP-17 17/09/2002	5 . 2 . 0		get it	

Rel-5

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.101 UE Radio transmission and reception (FDD)

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

RP-13	03/10/2001	5	.	0	.	0
RP-14	14/01/2002	5	.	1	.	0
RP-15	29/03/2002	5	.	2	.	0
RP-16	01/07/2002	5	.	3	.	0
RP-17	04/10/2002	5	.	4	.	0

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

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

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

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

RP-15	29/03/2002	5	.	0	.	0
editor post RP-15	15/04/2002	5	.	0	.	1
RP-16	01/07/2002	5	.	1	.	0
RP-17	02/10/2002	5	.	2	.	0

Fixes change history table entry.

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

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

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

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

RP-13	03/10/2001	5	.	0	.	0
RP-14	14/01/2002	5	.	1	.	0
RP-15	29/03/2002	5	.	2	.	0
RP-16	01/07/2002	5	.	3	.	0
RP-17	02/10/2002	5	.	4	.	0

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

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

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

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

RP-15	29/03/2002	5	.	0	.	0
RP-16	01/07/2002	5	.	1	.	0
RP-17	02/10/2002	5	.	2	.	0

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

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

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TS 25.106	UTRA Repeater; Radio transmission and reception								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NILSSON, Martin		Indicate persons who left Company and wait for new			
	<i>freeze_meeting:</i> RP-15					One			
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	RP-15 29/03/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	
	RP-16 01/07/2002	5 . 1 . 0						<i>remarks - this release:</i>	.
	RP-17 02/10/2002	5 . 2 . 0					get it		
<hr/>									
TS 25.113	Base station and repeater electromagnetic compatibility (EMC)								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BARNES, David		DTI - Department of Trade and Industry			
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	RP-15 02/04/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	
	edito 19/04/2002	5 . 0 . 1						<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		
<hr/>									
TS 25.123	Requirements for support of radio resource management (TDD)								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUERRINI, Claudio		TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	RP-15 29/03/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	
	RP-16 03/07/2002	5 . 1 . 0						<i>remarks - this release:</i>	.
	RP-17 10/10/2002	5 . 2 . 0					get it		
<hr/>									
TS 25.133	Requirements for support of radio resource management (FDD)								
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> GUERRINI, Claudio		TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
	RP-13 10/10/2001	5 . 0 . 0					get it	<i>remarks - general:</i>	
	RP-14 17/01/2002	5 . 1 . 0						<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		

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TS 25.141	Base station conformance testing (FDD)				
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NAKAMURA, Takaharu Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>	<i>U: yes</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			
<hr/>					
TS 25.142	Base station conformance testing (TDD)				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> MEYER, Juergen SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>	<i>U: yes</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			
<hr/>					
TS 25.143	UTRA repeater; Conformance testing				
Rel-5	<i>current version:</i> 5.2.0	<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>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>	<i>U: yes</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			
<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>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>	<i>U: yes</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			

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TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 27/09/2002 5 . 2 . 0	get it				
<hr/>						
TS 25.212	Multiplexing and channel coding (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TANAKA, Yoshinori	Fujitsu Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 27/09/2002 5 . 2 . 0	get it				
<hr/>						
TS 25.213	Spreading and modulation (FDD)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> CHAMBERS, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</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> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</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 25.215	Physical layer; Measurements (FDD)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>					
	RP-15 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> .			

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TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)
Rel-5 *current version:* 5.2.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Matsushita Communication Industrial Co, Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)

TS 25.222 Multiplexing and channel coding (TDD)
Rel-5 *current version:* 5.2.1 *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)
clause numbers

TS 25.223 Spreading and modulation (TDD)
Rel-5 *current version:* 5.1.0 *WG (prime / other):* R1 / - *rapporteur:* VACANT,
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

TS 25.224 Physical layer procedures (TDD)
Rel-5 *current version:* 5.2.1 *WG (prime / other):* R1 / - *rapporteur:* OESTREICH, Stefan SIEMENS AG
freeze_meeting: RP-15 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)
clause numbers

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TS 25.225	Physical layer; Measurements (TDD)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</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				
TS 25.301	Radio Interface Protocol Architecture					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
TS 25.302	Services provided by the physical layer					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
TS 25.303	Interlayer procedures in Connected Mode					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J	Nokia Research Center		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
TS 25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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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,</i>								
	RP-11	27/03/2001	5 . 0 . 0		get it	<i>remarks - general:</i>	Created from 25.923		
	RP-12	19/06/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>			
	RP-13	02/10/2001	5 . 2 . 0		get it				
	RP-14	04/01/2002	5 . 3 . 0		get it				
	RP-15	19/03/2002	5 . 4 . 0		get it				
<hr/>									
TS 25.306	UE Radio Access capabilities definition								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders					Ericsson Incorporated
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>								
	RP-15	19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Converted from TR 25.926 at TSG#10.		
	RP-16	17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.		
	RP-17	18/09/2002	5 . 2 . 0		get it				
<hr/>									
TS 25.307	Requirements on UEs supporting a release-independent frequency band								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis					NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>								
	RP-15	19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Release independent! - sort of. RP-13: responsibility: R2 = signalling		
						<i>remarks - this release:</i>	Expect continual updates each time a new band is allowed. requirements, R4 = RF &		
									RMM requirements.
<hr/>									
TS 25.308	UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2								
Rel-5	<i>current version:</i> 5.2.0		<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,</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				

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TS 25.321	Medium Access Control (MAC) protocol specification					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GESSNER, Christina	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
TS 25.322	Radio Link Control (RLC) protocol specification					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MADELAINE, Sebastien	PHILIPS CONSUMER COMMUNICATION		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	<i>U: yes</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				
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	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 19/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 17/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 18/09/2002 5 . 2 . 0	get it				
TS 25.324	Broadcast/Multicast Control (BMC)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> HARTL, Mike	Vodafone D2 GmbH		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	<i>U: yes</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> .			
TS 25.331	Radio Resource Control (RRC) protocol specification					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	<i>U: yes</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				

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TS 25.401	UTRAN Overall Description							
Rel-5	<i>current version:</i> 5.4.0							
	<i>freeze_meeting:</i> RP-15							
	<i>history (event, available, version,</i>							
	RP-12 06/07/2001	5	.	0	.	0		
	RP-13 12/10/2001	5	.	1	.	0		
	RP-15 02/04/2002	5	.	2	.	0		
	RP-16 28/06/2002	5	.	3	.	0		
	RP-17 30/09/2002	5	.	4	.	0		
							get it	<i>remarks - general:</i> Approval at TSG#5
							get it	<i>remarks - this release:</i> .
							get it	
							get it	
							get it	
							get it	
TS 25.402	Synchronisation in UTRAN Stage 2							
Rel-5	<i>current version:</i> 5.1.0							
	<i>freeze_meeting:</i> RP-15							
	<i>history (event, available, version,</i>							
	RP-15 02/04/2002	5	.	0	.	0		
	RP-16 28/06/2002	5	.	1	.	0		
							get it	<i>remarks - general:</i> New
							get it	<i>remarks - this release:</i> .
TS 25.410	UTRAN Iu Interface: General Aspects and Principles							
Rel-5	<i>current version:</i> 5.2.0							
	<i>freeze_meeting:</i> RP-15							
	<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5	.	0	.	0		
	RP-16 28/06/2002	5	.	1	.	0		
	RP-17 30/09/2002	5	.	2	.	0		
							get it	<i>remarks - general:</i> Approval at TSG#5
							get it	<i>remarks - this release:</i> .
							get it	
TS 25.411	UTRAN Iu interface layer 1							
Rel-5	<i>current version:</i> 5.0.0							
	<i>freeze_meeting:</i> RP-15							
	<i>history (event, available, version,</i>							
	RP-15 25/03/2002	5	.	0	.	0		
	RP-15 25/03/2002	5	.	0	.	0		
							get it	<i>remarks - general:</i>
							get it	<i>remarks - this release:</i> .

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

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TS 25.411	UTRAN lu interface layer 1								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5	.	0	.	0			
	RP-15 25/03/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
TS 25.412	UTRAN lu interface signalling transport								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5	.	0	.	0			
	RP-17 30/09/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
TS 25.413	UTRAN lu interface RANAP signalling								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	RP-16 05/07/2002	5	.	1	.	0			
	RP-17 11/10/2002	5	.	2	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
							get it		
TS 25.414	UTRAN lu interface data transport & transport signalling								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	RP-16 28/06/2002	5	.	1	.	0			
	RP-17 30/09/2002	5	.	2	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
							get it		
TS 25.415	UTRAN lu interface user plane protocols								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002	5	.	0	.	0			
	RP-16 28/06/2002	5	.	1	.	0			
	RP-17 30/09/2002	5	.	2	.	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

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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	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 03/10/2002 5 . 2 . 0	get it				
<hr/>						
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-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	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 25.422	UTRAN Iur interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 25.423	UTRAN Iur interface RNSAP signalling					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RUNE, Göran	Ericsson AB		
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 19/07/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	PCG post RP-16 06/08/2002 5 . 2 . 0	get it				CRs needs PCG approval.
	RP-17 11/10/2002 5 . 3 . 0	get it				One CR endorsed by PCG

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TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.	
<hr/>							
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.	
	RP-17 03/10/2002	5 . 2 . 0		get it			
<hr/>							
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation	
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.	
	RP-17 03/10/2002	5 . 2 . 0		get it			
<hr/>							
TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams						
Rel-5	<i>current version:</i> 5.0.0	<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,</i>						
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>	.	

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

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TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 25/03/2002 5 . 0 . 0
edito post RP-15 5 . 0 . 1 not produced
RP-16 28/06/2002 5 . 1 . 0 To include CR029r2 from RP-15 which
was forgotten in v5.0.0.
RP-17 03/10/2002 5 . 2 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: *U:* yes *MCC:* KRAUSE, Joern FUJITSU Laboratories of Europe Limited

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

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

TS 25.431 UTRAN lub interface Layer 1

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

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: *U:* yes *MCC:* KRAUSE, Joern SIEMENS AG

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

TS 25.432 UTRAN lub interface: signalling transport

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 25/03/2002 5 . 0 . 0
edito post RP-15 03/04/2002 5 . 0 . 1
RP-17 03/10/2002 5 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: *U:* yes *MCC:* KRAUSE, Joern FUJITSU Laboratories of Europe Limited

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

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

TS 25.433 UTRAN lub interface NBAP signalling

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 04/04/2002 5 . 0 . 0
RP-16 19/07/2002 5 . 1 . 0
RP-17 11/10/2002 5 . 2 . 0

WG (prime / other): R3 / - *rapporteur:* ISHIKAWA, Nobutaka
G: *U:* yes *MCC:* KRAUSE, Joern NTT DoCoMo Inc

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

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

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.434	UTRAN lub interface data transport & transport signalling for CCH data streams						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ALDEN, Magnus	TELIA AB			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 25.435	UTRAN lub interface user plane protocols for CCH data streams						
Rel-5	<i>current version:</i> 5.2.0	<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,</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					
<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	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>				
	edito post RP-15 5 . 0 . 1 (not supplied - use v5.0.0)		<i>remarks - this release:</i> .				
	RP-17 03/10/2002 5 . 1 . 0	get it					
<hr/>							
TS 25.450	UTRAN lupo interface general aspects and principles						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc			
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>						
	RP-12 2 . 0 . 0 RP-010400		<i>remarks - general:</i>				
	RP-12 05/07/2001 5 . 0 . 0	get it	<i>remarks - this release:</i> .				
	RP-14 11/01/2002 5 . 1 . 0	get it					

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TS 25.451	UTRAN lupc interface layer 1					
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-12	2 . 0 . 0	RP-010401		<i>remarks - general:</i>	
	RP-12 05/07/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> .	
	correction to 24/04/2002	5 . 0 . 1		get it		
	history table					
<hr/>						
TS 25.452	UTRAN lupc interface signalling transport					
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-13 26/09/2001	2 . 0 . 0	RP-010640	get it	<i>remarks - general:</i>	
	RP-13 12/10/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> .	
<hr/>						
TS 25.453	UTRAN lupc 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, le-Hong	Qualcomm Inc
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-12	2 . 0 . 0	RP-010402		<i>remarks - general:</i>	
	RP-12 05/07/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> .	
	RP-13 12/10/2001	5 . 1 . 0		get it		
	RP-14 11/01/2002	5 . 2 . 0		get it		
	RP-15 25/03/2002	5 . 3 . 0		get it		
	RP-16 28/06/2002	5 . 4 . 0		get it		
<hr/>						
TR 25.854	Uplink Synchronous Transmission Scheme (USTS)					
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> KIM, Duk Kyung	SK TELECOM
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa	
	<i>history (event, available, version,</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		

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

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

Rel-5 *current version: none*
freeze_meeting: RP-15
history (event, available, version,

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

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TR 25.857 UE positioning enhancements

Rel-5 *current version: none*
freeze_meeting: RP-15
history (event, available, version,

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

SIEMENS AG

remarks - general:
remarks - this release: .

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

Rel-5 *current version: 5.0.0*
freeze_meeting: RP-15
history (event, available, version,
RP-14 02/01/2002 1 . 0 . 0 RP-010823
RP-15 04/04/2002 2 . 0 . 0 RP-020255
RP-15 29/03/2002 5 . 0 . 0

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

Motorola Inc.

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

TR 25.859 User Equipment (UE) positioning enhancements for 1,28 Mcps TDD

Rel-5 *current version: 5.0.0*
freeze_meeting: RP-15
history (event, available, version,
draft 0 . 0 . 0
draft 04/09/2001 0 . 1 . 0
RP-13 02/10/2001 1 . 0 . 1 RP-010560
RP-15 19/03/2002 2 . 0 . 0 RP-020089
RP-15 19/03/2002 2 . 0 . 1 RP-020214
RP-15 19/03/2002 5 . 0 . 0

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

remarks - general:
remarks - this release: .
[get it](#)
[get it](#)
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G = required in systems with GERAN access; U = required in systems with UMTS

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TR 25.860	Radio access bearer support enhancements								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIKOLA, Juha		NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	1	.	0	.	0	RP-020087	get it	<i>remarks - general:</i>
	RP-16 25/06/2002	2	.	0	.	0	RP-020344	get it	<i>remarks - this release:</i> .
	RP-16 17/06/2002	5	.	0	.	0		get it	
<hr/>									
TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks								
Rel-5	<i>current version:</i> 1.0.0				<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MATARASSO, Carlo	TEKMAR Sistemi Srl		
	<i>freeze_meeting:</i> RP-15				<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>								
	RP-14 02/01/2002	1	.	0	.	0	RP-010794	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TR 25.868	Node B synchronization for 1,28 Mcps TDD								
Rel-5	<i>current version:</i> 5.0.1				<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling	CATT		
	<i>freeze_meeting:</i> RP-15				<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>								
	RP-13 01/10/2001	1	.	0	.	0	RP-010668	get it	<i>remarks - general:</i>
	RP-14 02/01/2002	1	.	1	.	0	RP-010898	get it	<i>remarks - this release:</i> .
	RP-15 19/03/2002	1	.	1	.	1	RP-020202	get it	
	RP-15 29/03/2002	5	.	0	.	0		get it	
	post RP-15 15/04/2002	5	.	0	.	1		get it	
	editorial								
<hr/>									
TR 25.869	Transmitter diversity solutions for multiple antennas								
Rel-5	<i>current version:</i> 1.0.2				<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.		
	<i>freeze_meeting:</i> RP-15				<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>								
	RP-12 28/06/2001	1	.	0	.	0	RP-010344	get it	<i>remarks - general:</i>
	RP-13 01/10/2001	1	.	0	.	1	RP-010637	get it	<i>remarks - this release:</i> .
	RP-15 19/03/2002	1	.	0	.	2	RP-020130	get it	

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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,</i>		<i>U: yes</i>			
	RP-12 28/06/2001 0 . 1 . 0	RP-010420	get it	<i>remarks - general:</i>		
	draft 14/09/2001 1 . 0 . 0	RP-010534	get it	<i>remarks - this release:</i> .		
	RP-14 02/01/2002 1 . 1 . 0	RP-010841	get it			
	RP-15 19/03/2002 2 . 0 . 0	RP-020127	get it			
	RP-15 29/03/2002 5 . 0 . 0		get it			
<hr/>						
TR 25.875	NAS node selector function					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> MCWILLIAMS, Brendan		VODAFONE Group Plc
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>		<i>U: yes</i>			
	RP-11 06/04/2001 0 . 0 . 1		get it	<i>remarks - general:</i>		
	RP-14 02/01/2002 1 . 0 . 0	RP-010881	get it	<i>remarks - this release:</i>		
	RP-15 19/03/2002 2 . 0 . 0	RP-020153	get it			
	RP-15 25/03/2002 5 . 0 . 0		get it			
<hr/>						
TR 25.876	Multiple-Input Multiple-Output Antenna Processing for HSDPA					
Rel-5	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> HUANG, Howard		Lucent Technologies
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>		<i>U: yes</i>			
	RP-14 02/01/2002 1 . 0 . 0	RP-010796	get it	<i>remarks - general:</i>		
	RP-15 31/07/2002 1 . 1 . 0	RP-020240	get it	<i>remarks - this release:</i> .		
<hr/>						
TR 25.877	High Speed Downlink Packet Access (HSDPA) - lub/lur 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>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>		<i>U: yes</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	R3-020891 = RP-020157	get it			
	RP-15 28/02/2002 2 . 0 . 0	R3-020892 = RP-020158	get it			
	RP-15 25/03/2002 5 . 0 . 0		get it			
	RP-16 28/06/2002 5 . 1 . 0		get it			

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TR 25.878 RL timing adjustment

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R3 / *rapporteur:* VOLTOLINA, Elena Eva Telefon AB LM Ericsson
G: *U:* yes *MCC:* KRAUSE, Joern

R3-23 11/01/2002 0 . 2 . 0 awaiting input from RAN1 & RAN2.
RP-15 19/03/2002 1 . 0 . 0 RP-020139
RP-15 19/03/2002 2 . 0 . 0 RP-020140
RP-15 25/03/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0

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

TR 25.879 Separation of resource reservation and radio link activation

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R3 / *rapporteur:*
G: *U:* yes *MCC:* KRAUSE, Joern

R3-23 0 . 2 . 0 Status report in RP-010608.
draft 03/12/2001 0 . 3 . 0
draft 03/12/2001 0 . 3 . 1
RP-15 19/03/2002 1 . 0 . 0 RP-020142
RP-15 19/03/2002 2 . 0 . 0 RP-020143
RP-15 25/03/2002 5 . 0 . 0

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

TS 25.880 Traffic termination point swapping

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R3 / *rapporteur:* ISOKANGAS, Jari NOKIA Corporation
G: *U:* yes *MCC:* KRAUSE, Joern

R3-23 0 . 1 . 0 RP-010609
draft 11/01/2002 0 . 3 . 0
RP-15 19/03/2002 1 . 0 . 0 RP-020145
RP-15 19/03/2002 2 . 0 . 0 RP-020146
RP-15 25/03/2002 5 . 0 . 0

remarks - general:
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
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TR 25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee		NOKIA Corporation	
	<i>freeze_meeting:</i> RP-15		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</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			
<hr/>							
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,</i>						
	RP-13 01/10/2001	1 . 0 . 0	RP-010645	get it	<i>remarks - general:</i>		
	RP-14 02/01/2002	1 . 1 . 0	RP-010810	get it	<i>remarks - this release:</i> .		
	RP-16 25/06/2002	2 . 0 . 0	RP-020353	get it			
	RP-16 03/07/2002	5 . 0 . 0		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,		ERICSSON EUROLAB NETHERLANDS BV	
	<i>freeze_meeting:</i> RP-16		<i>G:</i> U: yes	Gert-Jan			
	<i>history (event, available, version,</i>			<i>MCC:</i> KRAUSE, Joern			
	draft 03/12/2001	0 . 2 . 0			<i>remarks - general:</i>		
	RP-16 25/06/2002	1 . 0 . 0	RP-020392	get it	<i>remarks - this release:</i> .		
	RP-16 25/06/2002	2 . 0 . 0	RP-020393	get it			
	RP-16 25/06/2002	2 . 0 . 1	RP-020452	get it			
	RP-16 28/06/2002	5 . 0 . 0		get it			

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TR 25.884	Iur Neighbouring cell reporting efficiency optimisation	Rel-5 current version: 5.0.0 freeze_meeting: NP-16 history (event, available, version, referred to at 11/01/2002 0 . 1 . 0 RP-13 RP-15 19/03/2002 1 . 0 . 0 RP-15 19/03/2002 2 . 0 . 0 RP-15 02/04/2002 5 . 0 . 0	DRAFT Status report in RP-010606	WG (prime / other): R3 / G: U: yes	rappporteur: VOLTOLINA, Elena Eva MCC: KRAUSE, Joern	Telefon AB LM Ericsson	Previous rapporteur: Shahrokh Amirjoo.
				get it	remarks - general:		remarks - this release: .
TR 25.888	Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD	Rel-5 current version: 1.0.0 freeze_meeting: RP-16 history (event, available, version, RP-17 24/09/2002 1 . 0 . 0	DRAFT RP-020508	WG (prime / other): R1 / - G: U: yes	rappporteur: LI, Xiaoqiang MCC: SASAKI, Tsukasa	SAMSUNG Electronics Research Institute	
				get it	remarks - general:		remarks - this release: .
TR 25.890	High Speed Downlink Packet Access (HSDPA); User Equipment (UE) radio transmission and reception (FDD)	Rel-5 current version: 1.0.0 freeze_meeting: draft RP-16 26/06/2002 1 . 0 . 0	DRAFT RP-020376	WG (prime / other): R4 / G: U: yes	rappporteur: FERNANDES, Edgar MCC: GUTIERREZ MIGUELEZ, Cesar	MOTOROLA A/S	
				get it	remarks - general:		remarks - this release: .
TR 25.893	Radio access bearer scenarios	Rel-5 current version: none freeze_meeting: RP-19 history (event, available, version,		WG (prime / other): R2 / - G: U: yes	rappporteur: MIKOLA, Juha MCC: ARZELIER, Claude	NOKIA Corporation	
					remarks - general:		remarks - this release: .
TR 25.921	Guidelines and principles for protocol description and error handling	Rel-5 current version: 5.0.0 freeze_meeting: RP-15 history (event, available, version, RP-15 19/03/2002 5 . 0 . 0		WG (prime / other): R2 / - G: U: yes	rappporteur: KALLA, Gairn MCC: ARZELIER, Claude	NOKIA UK Ltd	
				get it	remarks - general:		remarks - this release: .

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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,</i>		<i>U: yes</i>						
	RP-15 19/03/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
<hr/>									
TR 25.931	UTRAN Functions, examples on signalling procedures								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CASALINO, Francesco	TELECOM ITALIA S.p.A.				
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-15 02/04/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	
	RP-16 28/06/2002	5 . 1 . 0					get it	<i>remarks - this release:</i>	.
<hr/>									
TR 25.933	IP transport in UTRAN								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.				
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-15 28/03/2002	5 . 0 . 0					get it	<i>remarks - general:</i>	
	RP-16 28/06/2002	5 . 1 . 0					get it	<i>remarks - this release:</i>	2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
	RP-17 03/10/2002	5 . 2 . 0					get it		
<hr/>									
TR 25.942	RF system scenarios								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> BENABDALLAH, Nadia	Vodafone Omnitel SpA				
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>		<i>U: yes</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>	.
<hr/>									
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>	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar					
	<i>history (event, available, version,</i>		<i>U: yes</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		
<hr/>									

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TR 25.945	RF requirements for low chip rate TDD option	Rel-5 current version: 5.0.0 freeze_meeting: RP-15 history (event, available, version, RP-15 02/04/2002 5 . 0 . 0)	WG (prime / other): R4 / - G: U: yes	rapporteur: ZHANG, Daijun CATT MCC: GUTIERREZ MIGUELEZ, Cesar	get it remarks - general: remarks - this release: .
TR 25.951	Base Station classification (FDD)	Rel-5 DRAFT current version: 1.1.0 freeze_meeting: RP-16 history (event, available, version, RP-13 01/10/2001 1 . 1 . 0 moved from Rel-4)	WG (prime / other): R4 / - G: U: yes	rapporteur: SÄYNNÄJÄKANGAS, NOKIA Corporation Tuomo MCC: GUTIERREZ MIGUELEZ, Cesar	get it remarks - general: remarks - this release: 2002-01-24: Gutierrez: moved from Rel-4.
TR 25.952	Base Station classification (TDD)	Rel-5 current version: 5.1.0 freeze_meeting: RP-15 history (event, available, version, RP-12 2 . 0 . 0 RP-010457 RP-12 29/06/2001 5 . 0 . 0 RP-16 03/07/2002 5 . 1 . 0)	WG (prime / other): R4 / - G: U: yes	rapporteur: AXNESS, Timothy INTERDIGITAL COMMUNICATIONS MCC: GUTIERREZ MIGUELEZ, Cesar	get it remarks - general: remarks - this release: promoted from Rel-4 at RP-12. get it
TR 25.956	UTRA repeater: Planning guidelines and system analysis	Rel-5 current version: 5.0.0 freeze_meeting: RP-15 history (event, available, version, RP-15 02/04/2002 5 . 0 . 0)	WG (prime / other): R4 / - G: U: yes	rapporteur: GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA MCC: GUTIERREZ MIGUELEZ, Cesar	get it remarks - general: . remarks - this release: .
TR 25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment	Rel-5 current version: 5.0.0 freeze_meeting: RP-15 history (event, available, version, RP-14 02/01/2002 1 . 0 . 0 RP-010892 RP-15 19/03/2002 2 . 0 . 0 RP-020121 RP-15 02/04/2002 5 . 0 . 0)	WG (prime / other): R4 / G: U: yes	rapporteur: MOSHAVI, Shimon Intel Corporation MCC: GUTIERREZ MIGUELEZ, Cesar	get it remarks - general: get it remarks - this release: . get it

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TR 25.993 Typical examples of RABs and RBs supported by UTRA

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

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

remarks - general:
remarks - this release: Pointer to latest release version.

TR 25.994 Measures employed by the UMTS Radio Access Network (RAN) to cater for User Equipment (UE) which does not conform to the RAN interface specification

Rel-5 *current version:* 0.0.1 DRAFT
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 1

WG (prime / other): RP / *rapporteur:* COURAU, François ALCATEL S.A.
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: .

TR 25.995 Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification

Rel-5 *current version:* 0.0.1 DRAFT
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 1

WG (prime / other): RP / *rapporteur:* COURAU, François ALCATEL S.A.
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: .

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

TS 26.071 AMR speech Codec; General description

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

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

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

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

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TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-17 24/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.102	AMR speech Codec; Interface to lu and Uu					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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TS 26.103	Speech codec list for GSM and UMTS					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	SP-15 28/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-16 28/06/2002 5 . 2 . 0	get it				
	SP-17 24/09/2002 5 . 3 . 0	get it				
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry	TOSHIBA CO		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.115	Echo control for speech and multi-media services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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TS 26.131 Terminal acoustic characteristics for telephony; Requirements

Rel-5 *current version:* 5.2.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-13 02/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
SP-17 24/09/2002 5 . 2 . 0 [get it](#)

TS 26.132 Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-13 02/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 28/03/2002 5 . 2 . 0 [get it](#)
SP-17 24/09/2002 5 . 3 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / T2 *rapporteur:* CASTAGNO, Roberto NOKIA Corporation
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-14 02/01/2002 1 . 0 . 0 SP-010695 [get it](#) *remarks - general:*
SP-15 19/03/2002 2 . 0 . 0 SP-020075 [get it](#) *remarks - this release:* .
SP-15 28/03/2002 5 . 0 . 0 [get it](#)
SP-16 28/06/2002 5 . 1 . 0 [get it](#)

TS 26.171 AMR speech codec, wideband; General description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-10 1 . 0 . 0 *remarks - general:*
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - this release:*

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

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TS 26.173	ANSI-C code for the Adaptive Multi Rate (AMR) Wideband speech codec					
Rel-5	<i>current version:</i> 5.4.0	<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,</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i> 2001-10-01: added "G" flag.			
	SP-12 27/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	edito 27/06/2001 5 . 1 . 1	get it				
	SP-13 02/10/2001 5 . 2 . 0	get it				
	SP-14 09/01/2002 5 . 3 . 0	get it				
	SP-15 28/03/2002 5 . 4 . 0	get it				
<hr/>						
TS 26.174	AMR speech codec, wideband; Test sequences					
Rel-5	<i>current version:</i> 5.3.0	<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,</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 27/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	correction to test 12/11/2001 5 . 1 . 1	get it				
	sequences					
	SP-14 09/01/2002 5 . 2 . 0	get it				
	SP-15 28/03/2002 5 . 3 . 0	get it				
<hr/>						
TS 26.190	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions					
Rel-5	<i>current version:</i> 5.1.0	<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,</i>					
	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>			
<hr/>						
TS 26.191	AMR speech codec, wideband; Error concealment of lost frames					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-15 28/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i>			

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TS 26.192	Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects				
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	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
	SP-11 10/04/2001	5 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
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	MCC: USAI, Paolino		
<i>history (event, available, version,</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	MCC: USAI, Paolino		
<i>history (event, available, version,</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	MCC: USAI, Paolino		
<i>history (event, available, version,</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	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
	draft	1 . 0 . 0		<i>remarks - general:</i>	
	SP-11 02/08/2002	2 . 0 . 0	get it	<i>remarks - this release:</i>	SP-010091
	SP-11 10/04/2001	5 . 0 . 0	get it		
	SP-17 24/09/2002	5 . 1 . 0	get it		

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

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Server ACTIVE specs Rel-5 26 .- series
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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>			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</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	
<hr/>						
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	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0			get it	<i>remarks - general:</i> 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	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-11 10/04/2001	5 . 0 . 0			get it	<i>remarks - general:</i> 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	The Swedish Handicap Institute		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-10 21/12/2000	1 . 0 . 0			get it	<i>remarks - general:</i> SP-16: in "GERAN" set.
	SP-11 10/04/2001	5 . 0 . 0			get it	<i>remarks - this release:</i>
	SP-13 02/10/2001	5 . 1 . 0			get it	
	SP-15 28/03/2002	5 . 2 . 0			get it	
<hr/>						
TS 26.233	End-to-end transparent streaming service; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15	G: U: yes	MCC:	USAI, Paolino		
<i>history (event, available, version,</i>						
	SP-15 28/03/2002	5 . 0 . 0			get it	<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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

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TS 26.234	End-to-end transparent streaming service; Protocols and codecs					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NOHLGREN, Anders		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	SP-17 24/09/2002	5 . 2 . 0		get it		
<hr/>						
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		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-12 27/06/2001	5 . 0 . 0	based on v4.1.0	get it	<i>remarks - general:</i>	
	SP-15 28/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> SP-12: transferred to Rel-5.	
<hr/>						
TS 26.236	Packet switched conversational multimedia applications; Transport protocols					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OJALA, Pasi		Nokia Research Center
	<i>freeze_meeting:</i> SP-15		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-14 02/01/2002	1 . 0 . 0	SP-010694	get it	<i>remarks - general:</i>	
	SP-15 19/03/2002	2 . 0 . 0	SP-020074	get it	<i>remarks - this release:</i> .	
	SP-15 28/03/2002	5 . 0 . 0		get it		
<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		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
					<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> 0.1.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor		Nokia Telecommunications Inc.
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	S4-19 16/01/2002	0 . 1 . 0	S4-010679	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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

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TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
remarks - this release: .

TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec
Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* Cf 26.975.
SP-12 27/06/2001 0 . 3 . 0 SP-010302 [get it](#) *remarks - this release:* .
SP-14 02/01/2002 0 . 6 . 0 SP-010692 [get it](#)
SP-17 24/09/2002 1 . 0 . 0 SP-020432 [get it](#)

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:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 24/06/2002 5 . 2 . 0 [get it](#)
NP-17 17/09/2002 5 . 3 . 0 [get it](#)

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:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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

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

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

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

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

Rel-5 *current version:* 5.1.0 *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,
TP-14 15/01/2002 5 . 0 . 0
TP-15 04/04/2002 5 . 1 . 0
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0
NP-16 24/06/2002 5 . 1 . 0
NP-17 17/09/2002 5 . 2 . 0
[get it](#) *remarks - general:* GPRS
[get it](#) *remarks - this release:* .
[get it](#)

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TS 27.103	Wide Area Network Synchronization	Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> TP-15 <i>history (event, available, version,</i> TP-16 26/06/2002 5 . 0 . 0	<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	
				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TS 27.104	vObjects and other constructs for data synchronization	Rel-5 <i>current version:</i> 0.1.1 <i>freeze_meeting:</i> TP-15 <i>history (event, available, version,</i> TP-10 05/01/2001 0 . 1 . 1 SP-000657	<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.	
				get it	<i>remarks - general:</i> TP-14: may be merged with 24.241 <i>remarks - this release:</i> TSG#11:Rel4->Rel5.	
<hr/>						
TS 27.241	3GPP generic user profile requirements; Stage 3; Access; Common objects	Rel-5 <i>current version:</i> none <i>freeze_meeting:</i> TP-16 <i>history (event, available, version,</i>	<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>remarks - general:</i> Cf work item 'Generic user profile' - may be renumbered to 24.241 <i>remarks - this release:</i> .	
<hr/>						
TR 27.901	Report on Terminal Interfaces - An Overview	Rel-5 <i>current version:</i> 5.0.0 <i>freeze_meeting:</i> TP-15 <i>history (event, available, version,</i> TP-16 26/06/2002 5 . 0 . 0	<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	
				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	

Rel-5 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

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Server ACTIVE specs Rel-5 28 .- series
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:* 5.2.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-17 24/09/2002 5 . 2 . 0 [get it](#)

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-14 18/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 04/04/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 21/06/2002 5 . 2 . 0 [get it](#)
NP-17 24/09/2002 5 . 3 . 0 [get it](#)

TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: NP-15 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 28/06/2002 5 . 2 . 0 [get it](#)
NP-17 17/09/2002 5 . 3 . 0 [get it](#)

TS 29.010 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Rel-5 *current version:* Procedures and the Mobile Application Part (MAP) 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo
SONERA Corporation *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
freeze_meeting: NP-15
history (event, available, version,
NP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

TS 29.011 Signalling Interworking for Supplementary Services

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

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

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

TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

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

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

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

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

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

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

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

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

Rel-5 *current version:* 5.2.0
freeze_meeting: NP-15
history (event, available, version,
NP-14 04/01/2002 5 . 0 . 0
NP-15 19/03/2002 5 . 1 . 0
NP-16 26/06/2002 5 . 2 . 0

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

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

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

Rel-5 *current version:* 5.3.0
freeze_meeting: NP-15
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0
NP-14 editorial 18/01/2002 5 . 0 . 1
NP-15 28/03/2002 5 . 1 . 0
NP-16 21/06/2002 5 . 2 . 0
NP-17 18/09/2002 5 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)								
Rel-5	<i>current version:</i> 5.3.0	<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,</i>								
	NP-14 14/01/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Former title: "General Packet Radio Service (GPRS); Interworking between the						
	NP-15 20/03/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> NP-16: some indications from N3 report that this spec should not be considered	Public					
Land Mobile Network (PLMN) supporting GPRS and Packet	"								
	as frozen; withdraw SDO publications?		frozen yet. So change freeze date from March 2002 to Sept 2002.						
	NP-16 02/07/2002 5 . 2 . 0	get it							
edito post	NP-16 25/07/2002 5 . 2 . 1	get it							
	NP-17 17/09/2002 5 . 3 . 0	get it							
<hr/>									
TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification								
Rel-5	<i>current version:</i> 5.1.0	<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,</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						
<hr/>									
TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG					
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern						
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)						
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
<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> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5						
			<i>remarks - this release:</i> .						
<hr/>									
TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation					
	<i>freeze_meeting:</i> NP-15	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-16 25/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5						
			<i>remarks - this release:</i> .						

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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,
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,
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,
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

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

Rel-5 *current version:* 5.1.0 WG (prime / other): N5 / rapporteur: BENNETT, Andy Lucent Technologies Network Systems UK
freeze_meeting: NP-16 G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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TS 29.198-04- 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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</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 29.198-05 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	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</i>					
	NP-16	26/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
	NP-17	01/10/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .

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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,</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,</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,</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,</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 29.198-12	Open Service Access (OSA) Application Programming Interface (API); Part 12: Charging					
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-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</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 acces; U = required in systems with UMTS

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

TS 29.198-13 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
freeze_meeting: NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian Lucent Technologies Nederland B.V.
history (event, available, version,
draft 29/01/2002 0 . 0 . 1 N5-020036 [get it](#) *remarks - general:*
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .
NP-16 31/05/2002 2 . 0 . 0 NP-020195 [get it](#)
NP-16 17/06/2002 5 . 0 . 0 [get it](#)
NP-17 01/10/2002 5 . 1 . 0 [get it](#)

TS 29.198-14 Open Service Access (OSA) Application Programming Interface (API); Part 13: Presence and Availability Management (PAM)

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

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco
freeze_meeting: NP-15 *G:* U: yes *MCC:* KYMALAINEN, Kimmo Telefon AB LM Ericsson
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

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

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

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

TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-16
history (event, available, version,

WG (prime / other): N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.
G: yes U: yes *MCC:* BOSWARTHICK, David

draft 08/11/2001 0 . 2 . 0
draft 14/01/2002 0 . 5 . 0
draft 18/02/2002 0 . 6 . 0
NP-15 19/03/2002 1 . 0 . 0 NP-020078
draft 18/04/2002 1 . 1 . 0
NP-16 26/06/2002 2 . 0 . 0 NP-020167 (RFC ref needs cleaning)
NP-16 28/06/2002 5 . 0 . 0
NP-17 19/09/2002 5 . 1 . 0

[get it](#) *remarks - general:* NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-16
history (event, available, version,

WG (prime / other): N3 / *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.
G: yes U: yes *MCC:* BOSWARTHICK, David

draft 08/11/2001 0 . 1 . 0
draft 14/01/2002 0 . 2 . 0
draft 18/02/2002 0 . 3 . 1
NP-15 19/03/2002 1 . 0 . 0 NP-020079
draft 18/04/2002 1 . 1 . 0
NP-16 26/06/2002 2 . 0 . 0 NP-020166
NP-16 28/06/2002 5 . 0 . 0
NP-17 18/09/2002 5 . 1 . 0

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

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

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

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

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

history (event, available, version,

NP-12	04/07/2001	0	.	1	.	0	NP-010303
N4-08		0	.	2	.	0	N4-010697
N4-09		0	.	3	.	0	N4-010837
N4-11		0	.	4	.	0	N4-011295
draft		0	.	5	.	0	N4-01407
NP-14	02/01/2002	1	.	0	.	0	NP-010627
draft	28/03/2002	1	.	1	.	0	
NP-16	25/06/2002	2	.	0	.	0	NP-020264
NP-16	25/06/2002	5	.	0	.	0	
NP-17	17/09/2002	5	.	1	.	0	

[get it](#)

remarks - general: Additional rapporteur: Miguel-Angel Pallares-Lopez
remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

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

history (event, available, version,

N4-09		0	.	1	.	0	N4-010932
N4-10		0	.	2	.	0	N4-011064
N4-11		0	.	3	.	0	N4-011296
N4-11		0	.	4	.	0	N4-011408
NP-14	02/01/2002	1	.	0	.	0	NP-010628
draft	28/03/2002	1	.	1	.	0	
NP-16	26/06/2002	2	.	0	.	0	NP-020265
NP-16	25/06/2002	5	.	0	.	0	
NP-17	18/09/2002	5	.	1	.	0	

[get it](#)

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

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

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Server ACTIVE specs Rel-5 29 .- series
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TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD			
	<i>freeze_meeting:</i> NP-15	G:	U: yes	MCC:	Chalmers				
	<i>history (event, available, version,</i>				KYMALAINEN, Kimmo				
	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					
<hr/>									
TS 29.240	3GPP generic user profile requirements; Stage 3; Network								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	N4 /	<i>rapporteur:</i>	KYMALAINEN, Kimmo	SONERA Corporation			
	<i>freeze_meeting:</i> NP-16	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	Cf work item 'Generic user profile' - may be renumbered to 27.241			
					<i>remarks - this release:</i>	.			
<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> 5.0.0	<i>WG (prime / other):</i>	N2 / -	<i>rapporteur:</i>	REMOQUILLO, Angelica	Lucent Technologies			
	<i>freeze_meeting:</i> NP-18	G: yes	U: yes	MCC:	JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	N2-25	0	. 1 . 0		<i>remarks - general:</i>	NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2.			
	NP-17 24/09/2002	2	. 0 . 0	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					
<hr/>									
TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	BERRY, Nigel. H	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> NP-16	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16 26/06/2002	2	. 0 . 0	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					
<hr/>									

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

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TS 29.329	Sh interface based on the Diameter protocol				
Rel-5	<i>current version:</i> 5.1.0	<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,</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			
<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,</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,</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,</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			

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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:			G: yes U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version,					
					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: 5.0.0	WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:			G: yes U: yes	Peter Skov	
	history (event, available, version,				MCC: JORGENSEN, Per Johan	
	NP-16 26/06/2002 5 . 0 . 0			get it	remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to	
					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,					
	NP-16 20/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping	Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	freeze_meeting: NP-15			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	NP-16 20/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
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,					
	draft 19/02/2002 0 . 2 . 1	N5-020084		get it	remarks - general: Evidence for existance 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		get it		
	NP-16 20/06/2002 5 . 0 . 0			get it		

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

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TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 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,
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 2: INAP mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release:

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release:

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

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

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

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

TR 29.998-08 Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 8: Data Session Control Service Mapping to CAP
Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 31.048 Test specification for security mechanisms for the (U)SIM application toolkit
Rel-5 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 *G:* yes *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics
Rel-5 *current version:* 5.0.0 *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,
TP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
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:* 5.2.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
freeze_meeting: TP-15 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-17 25/09/2002 5 . 2 . 0 [get it](#)

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

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

TS 31.103 Characteristics of the ISIM application

Rel-5 *current version:* 5.1.0
freeze_meeting: TP-16
history (event, available, version,
TP-16 26/06/2002 1 . 0 . 0 TP-020124
TP-16 28/06/2002 5 . 0 . 0
TP-17 25/09/2002 5 . 1 . 0

WG (prime / other): T3 / *rapporteur:* ,
G: yes *U:* yes *MCC:* DIETZE, Claus

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

TS 31.111 USIM Application Toolkit (USAT)

Rel-5 *current version:* 5.2.0
freeze_meeting: TP-15
history (event, available, version,
TP-15 28/03/2002 5 . 0 . 0
TP-16 28/06/2002 5 . 1 . 0
TP-17 18/09/2002 5 . 2 . 0

WG (prime / other): T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new One
G: yes *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
[get it](#) *remarks - this release:* .
[get it](#)

TS 31.112 USAT Interpreter Architecture Description; Stage 2

Rel-5 *current version:* 5.2.0
freeze_meeting: TP-15
history (event, available, version,
TP-11 09/04/2001 1 . 0 . 0
TP-13 12/10/2001 2 . 0 . 0 TP-010207
TP-13 12/10/2001 5 . 0 . 0
TP-14 14/01/2002 5 . 1 . 0
TP-16 19/06/2002 5 . 2 . 0

WG (prime / other): T3 / *rapporteur:* ,
G: *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* started life as Rel-4 draft, but ran out of time so ended up Rel-5.
[get it](#)
[get it](#)

TS 31.113 USAT interpreter byte codes

Rel-5 *current version:* 5.4.0
freeze_meeting: TP-15
history (event, available, version,
TP-11 09/04/2001 1 . 0 . 0
TP-13 12/10/2001 2 . 0 . 0 TP-010208
TP-13 12/10/2001 5 . 0 . 0
TP-14 14/01/2002 5 . 1 . 0
TP-15 28/03/2002 5 . 2 . 0
TP-16 19/06/2002 5 . 3 . 0
TP-17 25/09/2002 5 . 4 . 0

WG (prime / other): T3 / *rapporteur:* ,
G: *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* started life as Rel-4 draft, but ran out of time so ended up Rel-5.
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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

TS 31.114 USAT interpreter protocol and administration

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

TP-14	02/01/2002	1	.	0	.	0	TP-010248
TP-15	19/03/2002	1	.	5	.	1	TP-020030
TP-15	19/03/2002	2	.	0	.	0	TP-020077
TP-15	28/03/2002	5	.	0	.	0	
TP-16	19/06/2002	5	.	1	.	0	
TP-17	25/09/2002	5	.	2	.	0	

WG (prime / other): T3 / *rapporteur:* MEYER, Mchael
G: U: yes *MCC:* DIETZE, Claus

GIESECKE & DEVRIENT GmbH

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

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,

TP-15	28/03/2002	5	.	0	.	0	
TP-16	19/06/2002	5	.	1	.	0	

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

T-MOBILE DEUTSCHLAND

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

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

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,

SP-15	26/03/2002	5	.	0	.	0	
SP-17	18/09/2002	5	.	1	.	0	

WG (prime / other): S5 / - *rapporteur:* TRUSS, Michael
G: U: yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

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

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,

SP-15	26/03/2002	5	.	0	.	0	
SP-17	18/09/2002	5	.	1	.	0	

WG (prime / other): S5 / - *rapporteur:* BERGGREN, Tommy
G: U: yes *MCC:* ZOICAS, Adrian

Telia Mobile AB

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

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

TS 32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</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> .						
TS 32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</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> .						
TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts						
	SP-17 08/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .						
TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set								
Rel-5	<i>current version:</i> 5.2.0	<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,</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							
TS 32.200	Telecommunication management; Charging management; Charging principles								
Rel-5	<i>current version:</i> 5.1.0	<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,</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> .						

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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-5	<i>current version:</i> 5.1.0	<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,</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> .					
<hr/>									
TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain								
Rel-5	<i>current version:</i> 5.1.0	<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,</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> .					
<hr/>									
TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SHARON, Ariel					Lucent Technologies Networks System GmbH	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002	1 . 0 . 0	SP-020033	get it	<i>remarks - general:</i>				
	SP-16 17/06/2002	1 . 5 . 0	SP-020327	get it	<i>remarks - this release:</i> .				
	draft 19/07/2002	1 . 7 . 0		get it					
	SP-17 16/09/2002	2 . 0 . 0	SP-020453	get it					
	SP-17 18/09/2002	5 . 0 . 0	"Support of Diameter is mandatory."	get it					
<hr/>									
TS 32.235	Telecommunication management; Charging management; Charging data description for application services								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald					SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-17 18/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<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> 5.0.0	<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,</i>								
	SP-17 18/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Replaces 32.106-8 (pars)				
					<i>remarks - this release:</i> .				

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TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.						
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i>									
	SP-15 26/03/2002 5 . 0 . 0				get it	<i>remarks - general:</i>	was 32.301-1			
						<i>remarks - this release:</i>	.			
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1									
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,</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>	.			
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1									
Rel-5	<i>current version:</i> 5.1.1	<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,</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					
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set Version 1:1									
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG						
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian							
	<i>history (event, available, version,</i>									
	SP-14 11/01/2002 5 . 0 . 0				get it	<i>remarks - general:</i>	was 32.301-4			
	SP-15 26/03/2002 5 . 1 . 0				get it	<i>remarks - this release:</i>	.			
	SP-16 20/06/2002 5 . 2 . 0				get it					
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements									
Rel-5	<i>current version:</i> 5.0.0	<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,</i>									
	SP-15 26/03/2002 5 . 0 . 0				get it	<i>remarks - general:</i>	was 32.112-1			
						<i>remarks - this release:</i>	.			

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
remarks - this release: .

TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP); Requirements
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 06/09/2002 2 . 0 . 0 SP-020456 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP); Information service
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020457 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

TS 32.323 Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020458 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

TS 32.324 Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020459 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5	.	0	.		get it	<i>remarks - general:</i> was 32.104 (pars)	
	SP-17 18/09/2002	5	.	1	.		get it	<i>remarks - this release:</i> .	
<hr/>									
TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-16 20/06/2002	5	.	0	.		get it	<i>remarks - general:</i> was 32.104 (pars)	
						WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)		<i>remarks - this release:</i> .	
	SP-17 19/09/2002	5	.	1	.		get it		
<hr/>									
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,</i>								
	SP-17 20/09/2002	5	.	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,</i>								
	SP-17 23/09/2002	5	.	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,</i>								
	SP-17 27/09/2002	5	.	0	.		get it	<i>remarks - general:</i> was 32.601-2	
								<i>remarks - this release:</i> .	

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Server ACTIVE specs Rel-5 32 .- series
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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,</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 Configuration Management Integration Reference Point (IRP) CMIP solution set								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> was 32.601-4				
					<i>remarks - this release:</i> .				
<hr/>									
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,</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> 5.0.0	<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,</i>								
	SP-17 27/09/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-2				
					<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								
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,</i>								
	SP-17 27/09/2002 5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-3				
					<i>remarks - this release:</i> .				

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set
Rel-5 *current version:* none *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general: was 32.602-4
remarks - this release: .

TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5
edito after SP-17 18/09/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 *G:* yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1
remarks - this release: .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 *G:* yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2
remarks - this release: .

TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-17 *G:* yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.620-3
remarks - this release: .

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

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TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting: SP-17			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.620-4	remarks - this release: .
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file	Rel-5	current version: format definition	WG (prime / other): S5	/ rapporteur: BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-15			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars SP-17 06/09/2002 2 . 0 . 0 SP-020460 SP-17 18/09/2002 5 . 0 . 0			get it	remarks - general:	get it remarks - this release: .
TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: PIRT, Trevor	MOTOROLA Ltd
	freeze_meeting: SP-16			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-16 28/06/2002 5 . 0 . 0			get it	remarks - general: was 32.621-1	remarks - this release: .
TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: PAL, Tapinder	T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-17			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-17 23/09/2002 5 . 0 . 0			get it	remarks - general: was 32.621-2	remarks - this release: .
TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: ZHOU, Di	SIEMENS AG
	freeze_meeting: SP-17			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version, SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.621-3	remarks - this release: .

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

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TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set	Rel-5	current version: none	WG (prime / other): S5 / -	rporteur: POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting: SP-17			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,				remarks - general: was 32.621-4	
					remarks - this release: .	
<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	current version: format definition	5.0.0	WG (prime / other): S5	/- rporteur: BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)					
	freeze_meeting: SP-16			G: yes U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,				remarks - general: RP-15: existence gleaned from S5 report.	
	SP-16 17/06/2002 1 . 0 . 0	SP-020298	pars	get it	remarks - this release: .	
	SP-17 16/09/2002 2 . 0 . 0	SP-020461		get it		
	SP-17 18/09/2002 5 . 0 . 0			get it		
<hr/>						
TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rporteur: PIRT, Trevor	MOTOROLA Ltd
	freeze_meeting: SP-17			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,				remarks - general: was 32.622-1	
	SP-17 27/09/2002 5 . 0 . 0			get it	remarks - this release: .	
<hr/>						
TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rporteur: PETERSEN, Robert	Ericsson AB
	freeze_meeting: SP-17			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,				remarks - general: was 32.622-2	
	SP-17 27/09/2002 5 . 0 . 0			get it	remarks - this release: .	
<hr/>						
TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rporteur: ZHOU, Di	SIEMENS AG
	freeze_meeting: SP-17			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,				remarks - general: was 32.622-3	
	SP-17 27/09/2002 5 . 0 . 0			get it	remarks - this release: .	

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

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TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set	Rel-5	current version: none	WG (prime / other): S5 / -	rapporteur: POLLAKOWSKI, Olaf	SIEMENS AG
	freeze_meeting: SP-17			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,					
					remarks - general: was 32.622-4	
					remarks - this release: .	
<hr/>						
TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file	Rel-5	current version: format definition	5.0.0	WG (prime / other): S5	/rapporteur: BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)					
	freeze_meeting: SP-16			G: U: yes	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	SP-16 17/06/2002 1 . 0 . 0	SP-020298	pars	get it	remarks - general:	
	SP-17 16/09/2002 2 . 0 . 0	SP-020462		get it	remarks - this release: .	
	SP-17 18/09/2002 5 . 0 . 0			get it		
<hr/>						
TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: PIRT, Trevor	MOTOROLA Ltd
	freeze_meeting: SP-17			G: yes U:	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.623-1	
					remarks - this release: .	
<hr/>						
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: PETERSEN, Robert	Ericsson AB
	freeze_meeting: SP-17			G: yes U:	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	SP-17 27/09/2002 5 . 0 . 0			get it	remarks - general: was 32.623-2	
					remarks - this release: .	
<hr/>						
TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set	Rel-5	current version: 5.0.0	WG (prime / other): S5 / -	rapporteur: ZHOU, Di	SIEMENS AG
	freeze_meeting: SP-17			G: yes U:	MCC: ZOICAS, Adrian	
	history (event, available, version,					
	SP-17 08/10/2002 5 . 0 . 0			get it	remarks - general: was 32.623-3	
					remarks - this release: .	

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

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TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set	Rel-5	<i>current version:</i> none	WG (<i>prime / other</i>): S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17			G: yes U:	MCC: ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i> was 32.623-4
						<i>remarks - this release:</i> .

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

TS 32.661	Telecommunication management; Configuration Management (CM); Kernel CM requirements	Rel-5	<i>current version:</i> 5.0.0	WG (<i>prime / other</i>): S5 /	<i>rapporteur:</i> WILBER, John	
	<i>freeze_meeting:</i> SP-17			G: U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .

TS 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service	Rel-5	<i>current version:</i> 5.0.0	WG (<i>prime / other</i>): S5 /	<i>rapporteur:</i> WILBER, John	
	<i>freeze_meeting:</i> SP-18			G: U: yes	MCC: ZOICAS, Adrian	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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

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Server ACTIVE specs Rel-5 32 .- series
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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> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</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!
<hr/>									
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set								
Rel-5	<i>current version:</i> 1.0.0				<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf			SIEMENS AG
	<i>freeze_meeting:</i> SP-18				<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-17 16/09/2002	1	.	0	.	0	SP-020467	get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> SP-15: will not exist in Rel-5. SP-17: Yes it will!
<hr/>									
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> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	draft 17/01/2002	0	.	1	.	2		get it	<i>remarks - general:</i>
	SP-16 17/06/2002	1	.	0	.	0	SP-020329 pars	get it	<i>remarks - this release:</i> .
	SP-17 19/07/2002	2	.	0	.	0	SP-020468	get it	
	SP-17 18/09/2002	5	.	0	.	0		get it	
<hr/>									
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> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	draft 19/07/2002	0	.	0	.	0		get it	<i>remarks - general:</i>
	draft 17/01/2002	0	.	1	.	1		get it	<i>remarks - this release:</i> .
	SP-16 17/06/2002	1	.	0	.	0	SP-020329 pars	get it	
	SP-17 16/09/2002	2	.	0	.	0	SP-020469	get it	
	SP-17 18/09/2002	5	.	0	.	0		get it	

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

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Server ACTIVE specs Rel-5 32 .- series
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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			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 16/09/2002	1	.	0	.	0	SP-020470	get it	<i>remarks - general:</i>
	SP-17 18/09/2002	5	.	0	.	0		get it	<i>remarks - this release: .</i>
<hr/>									
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			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	draft 17/01/2002	0	.	1	.	0		get it	<i>remarks - general:</i>
	draft 19/07/2002	1	.	0	.	0		get it	<i>remarks - this release: .</i>
	SP-17 16/09/2002	2	.	0	.	0	SP-020471	get it	
	SP-17 18/09/2002	5	.	0	.	0		get it	
<hr/>									
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,</i>								
	SP-17 30/08/2002	1	.	0	.	0	SP-020472	get it	<i>remarks - general:</i>
	SP-17 18/09/2002	5	.	0	.	0		get it	<i>remarks - this release: .</i>
<hr/>									
TS 32.692	Telecommunication management; Inventory management network resources Integration Reference Point (IRP): Network resource model								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-17			G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 30/08/2002	1	.	0	.	0	SP-020473	get it	<i>remarks - general:</i>
	SP-17 18/09/2002	5	.	0	.	0		get it	<i>remarks - this release: .</i>
<hr/>									
TR 32.800	Telecommunication management; Management level procedures and interaction with UTRAN								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BODEN, Bert		Vodafone D2 GmbH		
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5	.	0	.	0		get it	<i>remarks - general:</i>
									<i>remarks - this release: .</i>

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

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TR 32.802	Telecommunication management; User Equipment Management (UEM) feasibility study					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-16	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-13 01/10/2001 0 . 0 . 2	TP-010213 (!)	get it	<i>remarks - general:</i>		
	SP-14 02/01/2002 1 . 0 . 0	SP-010652 (also TP-010283)	get it	<i>remarks - this release:</i> .		
	draft 28/01/2002 1 . 0 . 1		get it			
	draft 31/01/2002 1 . 0 . 2		get it			
	SP-15 19/03/2002 1 . 0 . 4	SP-020011	get it			
	SP-16 17/06/2002 2 . 0 . 0	SP-020331	get it			
	SP-16 20/06/2002 5 . 0 . 0		get it			
	SP-17 18/09/2002 5 . 1 . 0		get it			

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

TS 33.102	3G security; Security architecture					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOMMAERT, Marc	SIEMENS ATEA NV		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-16 19/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TS 33.106	Lawful interception requirements					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-15	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 04/04/2001 5 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-17 18/09/2002 5 . 1 . 0		get it	<i>remarks - this release:</i>		

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

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TS 33.107	3G security; Lawful interception architecture and functions					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-12 04/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-14 07/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-15 26/03/2002 5 . 2 . 0	get it				
edito post	SP-15 15/04/2002 5 . 2 . 1 Corrects change history.	get it				
	SP-16 19/06/2002 5 . 3 . 0	get it				
	SP-17 18/09/2002 5 . 4 . 0	get it				
<hr/>						
TS 33.108	3G security; Handover interface for Lawful Interception (LI)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-15 19/03/2002 1 . 0 . 0 SP-020118	get it	<i>remarks - general:</i> 2001-12-04 Title changed from "Lawful Interception; Interface between core			
	SP-16 2 . 0 . 0 SP-020357		<i>remarks - this release:</i> . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).			
	SP-16 19/06/2002 5 . 0 . 0	get it				
	SP-17 23/09/2002 5 . 1 . 0	get it				
<hr/>						
TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	Hutchison 3G UK Limited		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</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.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 33.201	Access domain security					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> POPE, Maurice	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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

TS 33.203 3G security; Access security for IP-based services

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S3 / *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-13 03/10/2001 0 . 4 . 0 anticipate v2.0.0 at SP-15 [get it](#) *remarks - general:*
SP-14 02/01/2002 1 . 0 . 0 SP-010624 [get it](#) *remarks - this release:*
SP-15 19/03/2002 2 . 0 . 0 SP-020116 [get it](#)
SP-15 26/03/2002 5 . 0 . 0 But CR at SP-15 to correct reference to [get it](#)
SIP.
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](#)

TS 33.210 3G security; Network Domain Security (NDS); IP network layer security

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-14 02/01/2002 1 . 0 . 0 SP-010623 [get it](#) *remarks - general:* 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).
SP-15 19/03/2002 2 . 0 . 0 SP-020117 [get it](#) *remarks - this release:*
SP-15 26/03/2002 5 . 0 . 0 [get it](#)
SP-16 19/06/2002 5 . 1 . 0 [get it](#)

TR 33.900 Guide to 3G security

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

TR 33.903 Access Security for IP based services

Rel-5 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* VACANT,
freeze_meeting: *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release: .

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

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

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:* 5.1.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: RP-15 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-16 17/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* . TSG#9: Stable, so txfered from T1 to R2.

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-5 *current version:* 5.1.1 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: TP-16 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
corrects page 24/06/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
headers
TP-17 10/09/2002 5 . 1 . 0 [get it](#)
edito post TP-17 20/09/2002 5 . 1 . 1 [get it](#) There were two annexes C !

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-17 10/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 03/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-17 02/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

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

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0

WG (prime / other): R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
remarks - this release: .

Rel-5 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications

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

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification

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

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data

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

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

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

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Server ACTIVE specs Rel-5 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	Rel-5 current version: 5.0.0 freeze_meeting: SP-15 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: WALKER, Michael MCC: POPE, Maurice	VODAFONE Group Plc	get it remarks - general: ex SAGE; supplied by ETSI under licence remarks - this release: .
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5 current version: Document 1: General VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0	5.0.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	get it remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR. remarks - this release: .
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5 current version: Document 2: Algorithm specification VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0	5.0.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	get it remarks - general: ex SAGE remarks - this release: .
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5 current version: Document 3: Implementors' test data VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0	5.0.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	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*;	Rel-5 current version: Document 4: Design conformance test data VODAFONE Group Plc freeze_meeting: SP-15 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0	5.0.0 G: U: yes	WG (prime / other): S3 / - MCC: POPE, Maurice	rapporteur: WALKER, Michael	get it remarks - general: ex SAGE remarks - this release: .

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

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Server ACTIVE specs Rel-5 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;
Rel-5 *current version: Document 5: Summary and results of design and evaluation* 5.0.0 WG (prime / other): S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-15 G: U: yes MCC: POPE, Maurice
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE
remarks - this release: .

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

TR 41.031 Fraud Information Gathering System (FGS); 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,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 41.033 Lawful Interception requirements for GSM
Rel-5 *current version: 5.0.0* WG (prime / other): S3 /- *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-15 G: yes U: MCC: POPE, Maurice

history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TS 41.103 GSM Release 5 specifications

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-16
history (event, available, version,

SP-12		0	.	0	.	0	SP-010278		
SP-12	05/07/2001	0	.	1	.	0	SP-010384	get it	<i>remarks - general:</i>
SP-13	01/10/2001	1	.	0	.	0	SP-010421	get it	<i>remarks - this release:</i> .
SP-15	19/03/2002	1	.	1	.	0	SP-020098	get it	
SP-15	19/03/2002	1	.	2	.	0	SP-020203	get it	
SP-16		2	.	0	.	0	SP-020271		
SP-16		2	.	1	.	0	SP-020398		
SP-16		2	.	2	.	0	SP-020410		
SP-16	19/06/2002	5	.	0	.	0		get it	
SP-17	18/09/2002	5	.	1	.	0		get it	

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,

TP-12	06/07/2001	5	.	0	.	0		get it	<i>remarks - general:</i> TP-17: From Rel-6, transferred to ETSI TS 102 240. <i>remarks - this release:</i> .
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TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-15
history (event, available, version,

SP-16	24/06/2002	5	.	0	.	0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-5 42 .- series
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,</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,</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,</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,</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,</i>					
	SP-16 19/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	post SP-16 edito 29/07/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
	to history box					

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

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Server ACTIVE specs Rel-5 43 .- series
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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
freeze_meeting: NP-15
history (event, available, version,
NP-16 04/07/2002 5 . 0 . 0

WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

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

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

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15
history (event, available, version,
NP-15 20/03/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

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

TS 43.013 Discontinuous Reception (DRX) in the GSM system

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

[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:* 5.4.0
freeze_meeting: TP-15
history (event, available, version,
TP-12 12/11/2001 5 . 0 . 0
fix annexed library 21/11/2001 5 . 0 . 1
file
TP-14 17/01/2002 5 . 1 . 0
TP-15 02/04/2002 5 . 2 . 0
TP-16 25/06/2002 5 . 3 . 0
TP-17 27/09/2002 5 . 4 . 0

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

[get it](#) *remarks - general:* For test spec, see 51.013.
[get it](#) *remarks - this release:* .

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

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

TS 43.020 Security-related network functions

Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16

WG (prime / other): S3 / NP / *rapporteur:* GILBERT, Henri France Telecom
GP

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

history (event, available, version,
SP-16 19/07/2002 5 . 0 . 0

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

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

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-10

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

history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0
GP-11 19/09/2002 5 . 1 . 0

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

TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-5 *current version:* 5.0.1
freeze_meeting: GP-10

WG (prime / other): G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0
re-issue as TR 31/07/2002 5 . 0 . 1
(not TS) as per
03.26

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

TR 43.030 Radio network planning aspects

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-10

WG (prime / other): G1 / - *rapporteur:* TEGTH, Ulf TELIA AB
G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
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](#) *remarks - general:*
remarks - this release: .

[get it](#)

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

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Server ACTIVE specs Rel-5 43 .- series
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> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-15	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
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,</i> SP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> NP-15 20/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> <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,</i> 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 acces; U = required in systems with UMTS

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

TS 43.051 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2

Rel-5 *current version:* 5.7.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:* Originally created as 03.51r00
GP-04 20/04/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
GP-05 28/06/2001 5 . 2 . 0 [get it](#)
GP-06 01/10/2001 5 . 3 . 0 [get it](#)
GP-07 04/01/2002 5 . 4 . 0 [get it](#)
GP-08 19/02/2002 5 . 5 . 0 [get it](#)
GP-09 06/05/2002 5 . 6 . 0 [get it](#)
GP-11 19/09/2002 5 . 7 . 0 [get it](#)

TS 43.052 Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2

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

TS 43.055 Dual Transfer Mode (DTM); Stage 2

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: GP-10 *G: yes U:* *MCC:* Jose Luis USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	LIVINGSTON, Margaret	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	GP-06 01/10/2001 5 . 0 . 0			get it	<i>remarks - general:</i>				
	GP-07 04/01/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
	GP-08 19/02/2002 5 . 2 . 0			get it					
	GP-09 06/05/2002 5 . 3 . 0			get it					
<hr/>									
TS 43.064	Overall description of the GPRS radio interface; Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	LEPPISAARI, Arto	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	GP-09 06/05/2002 5 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 43.068	Voice Group Call Service (VGCS); Stage 2								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>				
	post NP-16 edito 28/06/2002 5 . 0 . 1			get it	<i>remarks - this release:</i> .				
	NP-17 17/09/2002 5 . 1 . 0			get it					
<hr/>									
TS 43.069	Voice Broadcast service (VBS); Stage 2								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>				
	post NP-16 edito 28/06/2002 5 . 0 . 1			get it	<i>remarks - this release:</i> .				
	NP-17 17/09/2002 5 . 1 . 0			get it					
<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	SONERA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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> .				

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

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

TS 43.130 Iur-g interface; Stage 2
Rel-5 *current version:* 5.0.0
freeze_meeting: GP-11
history (event, available, version,
GP-11 16/09/2002 5 . 0 . 0 Technically identical to TR.43,930
[get it](#) *remarks - general:* Created identical to last version of 43.930. Also moved from G2 to G1.
remarks - this release: .

WG (prime / other): G1 / - *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
Jose Luis
G: yes U: *MCC:* USAI, Paolino

TR 43.900 Support for voice optimization for the IMS in the GERAN
Rel-5 *current version:* none
freeze_meeting: GP-10
history (event, available, version,

WG (prime / other): G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
G: yes U: *MCC:* USAI, Paolino

remarks - general: 2002-09-03: Transferred from G2 to G1.
remarks - this release: .

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

TS 44.001 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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

TS 44.003 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
Rel-5 *current version:* 5.0.0
freeze_meeting: GP-11
history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: .

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

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Server ACTIVE specs Rel-5 44 .- series
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TS 44.004	Layer 1 - General Requirements				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG	
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-06 15/11/2001 5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 08/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-09 06/05/2002 5 . 2 . 0	get it			
<hr/>					
TS 44.005	Data Link (DL) Layer General Aspects				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11	G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)		
			<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>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 20/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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

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

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

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-05 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 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](#)

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: NP-15 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
post NP-17 - 02/10/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
replace illegible
figures
NP-17 18/09/2002 5 . 1 . 0 [get it](#)
post NP-17 - 02/10/2002 5 . 1 . 1 [get it](#)
replace illegible
figures

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

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

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-06 14/09/2001 5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 08/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	GP-08 19/02/2002 5 . 2 . 0	get it			
	GP-09 02/05/2002 5 . 3 . 0	get it			
	GP-10 19/07/2002 5 . 4 . 0	get it			
	GP-11 16/09/2002 5 . 5 . 0	get it			
<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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> GP-11	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 20/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 20/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC:	THOMASEN, Gert	
	<i>history (event, available, version,</i>				
	GP-08 19/02/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-09 03/05/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	. (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
edito post	GP-09 28/05/2002	5 . 1 . 1	get it		
	GP-10 19/07/2002	5 . 2 . 0	get it		
	GP-11 16/09/2002	5 . 3 . 0	get it		
<hr/>					
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> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	NP-14 04/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-15 19/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.
<hr/>					
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</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:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	NP-16 19/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	
post NP-16 edito	26/06/2002	5 . 0 . 1	get it	<i>remarks - this release:</i>	. Correct faulty styles / clause
<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:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	NP-16 19/06/2002	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

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

TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> GP-11	WG (prime / other): G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S
				G: yes U:	<i>MCC:</i> THOMASEN, Gert	
	<i>history (event, available, version,</i>		GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .
TS 44.118	Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol lu mode	Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> GP-09	WG (prime / other): G2 /	<i>rapporteur:</i> VIRTEJ, Iuliana	NOKIA Corporation
	<i>history (event, available, version,</i>		GP-08 20/03/2002 1 . 1 . 0 GP-020289 draft 26/03/2002 1 . 2 . 0 GP-08 27/03/2002 1 . 3 . 0 GP-02794 draft 07/05/2002 1 . 4 . 0 GP-10 19/07/2002 5 . 0 . 0 GP-11 19/09/2002 5 . 1 . 0	get it get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
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> 5.1.0 <i>freeze_meeting:</i> GP-09	WG (prime / other): G2 /	<i>rapporteur:</i> THOMASEN, Gert	
	<i>history (event, available, version,</i>		GP-09 22/04/2002 0 . 2 . 0 GP-020803 GP-10 19/07/2002 5 . 0 . 0 GP-11 19/09/2002 5 . 1 . 0	get it get it get it	<i>remarks - general:</i> Created GP-08; see GP-020483. 2002-07-18: G1->G2. <i>remarks - this release:</i> .	
TR 44.901	External network assisted cell change (NACC)	Rel-5	<i>current version:</i> 5.1.0 <i>freeze_meeting:</i> GP-09	WG (prime / other): G2 / -	<i>rapporteur:</i> BACKLUND, Ingemar	Telefon AB LM Ericsson
	<i>history (event, available, version,</i>		GP-06bis 0 . 4 . 0 GP-08 04/04/2002 0 . 7 . 0 GP-020220 GP-08 04/04/2002 1 . 0 . 0 GP-020427 GP-08 19/03/2002 2 . 0 . 0 GP-020491 GP-08 26/03/2002 5 . 0 . 0 GP-09 06/05/2002 5 . 1 . 0	get it get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	

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

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

TS 45.001 Physical Layer on the Radio Path (General Description)

Rel-5 current version: 5.4.0

freeze_meeting: GP-09

history (event, available, version,

GP-03	15/02/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-09	06/05/2002	5	.	3	.	0
GP-10	19/07/2002	5	.	4	.	0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri
G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

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

TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-5 current version: 5.6.0

freeze_meeting: GP-09

history (event, available, version,

GP-03	15/02/2001	5	.	0	.	0
edito	27/02/2001	5	.	0	.	1
GP-04	20/04/2001	5	.	1	.	0
GP-06	01/10/2001	5	.	2	.	0
GP-07	04/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist
G: yes U: MCC: USAI, Paolino

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

TS 45.003 Channel coding

Rel-5 *current version:* 5.6.0
freeze_meeting: GP-09
history (event, available, version,

GP-03	06/02/2001	5	.	0	.	0
GP-05	28/06/2001	5	.	1	.	0
GP-06	01/10/2001	5	.	2	.	0
GP-07	04/01/2002	5	.	3	.	0
GP-08	19/02/2002	5	.	4	.	0
GP-09	06/05/2002	5	.	5	.	0
GP-10	19/07/2002	5	.	6	.	0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

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

TS 45.004 Modulation

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-09
history (event, available, version,

GP-07	04/01/2002	5	.	0	.	0
GP-10	19/07/2002	5	.	1	.	0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

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

TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.5.0
freeze_meeting: GP-09
history (event, available, version,

GP-05	28/06/2001	5	.	0	.	0
GP-06	01/10/2001	5	.	1	.	0
GP-07	04/01/2002	5	.	2	.	0
GP-09	06/05/2002	5	.	3	.	0
GP-10	19/07/2002	5	.	4	.	0
GP-11	19/09/2002	5	.	5	.	0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

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

TS 45.008 Radio subsystem link control

Rel-5 *current version:* 5.8.0
freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: *MCC:* USAI, Paolino

VODAFONE Group Plc

history (event, available, version,
GP-03 15/02/2001 5 . 0 . 0
GP-04 20/04/2001 5 . 1 . 0
GP-05 28/06/2001 5 . 2 . 0
GP-06 01/10/2001 5 . 3 . 0
GP-07 04/01/2002 5 . 4 . 0
GP-08 19/02/2002 5 . 5 . 0
GP-09 06/05/2002 5 . 6 . 0
GP-10 19/07/2002 5 . 7 . 0
GP-11 19/09/2002 5 . 8 . 0

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

TS 45.009 Link adaptation

Rel-5 *current version:* 5.5.0
freeze_meeting: GP-09

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* Peter Skov
USAI, Paolino

MOTOROLA A/S

history (event, available, version,
GP-03 06/02/2001 5 . 0 . 0
GP-06 01/10/2001 5 . 1 . 0
GP-07 04/01/2002 5 . 2 . 0
GP-08 19/02/2002 5 . 3 . 0
GP-09 06/05/2002 5 . 4 . 0
GP-10 19/07/2002 5 . 5 . 0

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

TS 45.010 Radio subsystem synchronization

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-10

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0
GP-11 19/09/2002 5 . 1 . 0

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

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

TR 45.022 Radio link management in hierarchical networks

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

TR 45.050 Background for RF Requirements

Rel-5 *current version:* 5.0.1
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0
clean up 19/09/2002 5 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 45.056 CTS-FP Radio Sub-system

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

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

TS 46.001 Full Rate Speech Processing Functions

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

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

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

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

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

TS 46.011 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.012 Comfort Noise Aspects for Full Rate Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.020 Half Rate Speech Transcoding
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.022 Comfort Noise Aspects for Half Rate Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<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.	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
TS 46.032	Voice Activity Detection (VAD)	Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> BARRETT, Paul <i>MCC:</i> USAI, Paolino	Indicate persons who left Company and wait for new One	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<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.	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> BARRETT, Paul <i>MCC:</i> USAI, Paolino	Indicate persons who left Company and wait for new One	get it <i>remarks - general:</i> <i>remarks - this release:</i> .
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>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0	<i>WG (prime / other):</i> S4 / - <i>G: yes U:</i>	<i>rapporteur:</i> JÄRVINEN, Kari <i>MCC:</i> USAI, Paolino	NOKIA Corporation	get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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Server ACTIVE specs Rel-5 46 .- series
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TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TR 46.055	Performance characterisation of the GSM EFR Speech Codec				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 46.060	Enhanced full rate speech transcoding				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari						NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0								
						get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari						NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0								
						get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari						NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0								
						get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino						Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0								
						get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

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

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

TS 48.001 General Aspects on the BSS-MSC Interface

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

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

history (event, available, version,
GP-11 27/09/2002 5 . 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-5
current version: 5.1.0
freeze_meeting: GP-09

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

history (event, available, version,
GP-04 05/10/2001 5 . 0 . 0
GP-09 06/05/2002 5 . 1 . 0

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

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

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

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

history (event, available, version,
GP-11 27/09/2002 5 . 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-5
current version: 5.0.0
freeze_meeting: GP-11

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

history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0

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

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

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

TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
Rel-5	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-04 04/05/2001 5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-05 19/06/2001 5 . 1 . 0	get it	<i>remarks - this release: .</i>		
	GP-06 14/09/2001 5 . 2 . 0	get it			
	GP-07 08/01/2002 5 . 3 . 0	get it			
	GP-08 19/02/2002 5 . 4 . 0	get it			
	GP-09 06/05/2002 5 . 5 . 0	get it			
	GP-10 19/07/2002 5 . 6 . 0	get it			
	GP-11 16/09/2002 5 . 7 . 0	get it			

TS 48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-11		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: .</i>		

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	GP-06 14/09/2001 5 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 08/01/2002 5 . 1 . 0	get it	<i>remarks - this release: .</i>		

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

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

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-09	G: yes U:	MCC: THOMASEN, Gert						
<i>history (event, available, version,</i>									
	GP-06 10/09/2001	5 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-07 08/01/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .					
	GP-08 19/02/2002	5 . 2 . 0	get it						
	GP-09 06/05/2002	5 . 3 . 0	get it						
	GP-10 19/07/2002	5 . 4 . 0	get it						
	GP-11 16/09/2002	5 . 5 . 0	get it						

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> NP-15	G: yes U:	MCC: BOSWARTHICK, David						
<i>history (event, available, version,</i>									
	NP-14 11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
	NP-17 18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .					

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>rapporteur:</i> Peter Skov						
<i>history (event, available, version,</i>			MCC: THOMASEN, Gert						
	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> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-11	G: yes U:	<i>rapporteur:</i> Peter Skov						
<i>history (event, available, version,</i>			MCC: THOMASEN, Gert						
	GP-11 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					

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

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

TS 48.052 Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles
Rel-5 *current version: 5.0.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
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: 5.0.0* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
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 MOTOROLA A/S
freeze_meeting: GP-11 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0 [get it](#) *remarks - general:*
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 MOTOROLA A/S
freeze_meeting: GP-09 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 5 . 1 . 0 [get it](#) *remarks - this release: .*
GP-06 10/09/2001 5 . 2 . 0 [get it](#)
GP-07 08/01/2002 5 . 3 . 0 [get it](#)
GP-08 19/02/2002 5 . 4 . 0 [get it](#)
GP-09 06/05/2002 5 . 5 . 0 [get it](#)
GP-10 19/07/2002 5 . 6 . 0 [get it](#)

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

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

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels					
Rel-5	current version: 5.2.0 freeze_meeting: GP-09	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	Peter Skov MCC: USAI, Paolino			
	history (event, available, version, GP-09 06/05/2002 5 . 0 . 0 GP-10 19/07/2002 5 . 1 . 0 GP-11 19/09/2002 5 . 2 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. remarks - this release: .			

TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
Rel-5	current version: 5.0.0 freeze_meeting: GP-09	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	Peter Skov MCC: USAI, Paolino			
	history (event, available, version, GP-09 06/05/2002 5 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. remarks - this release: .			

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification					
Rel-5	current version: 5.0.0 freeze_meeting: GP-11	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	Peter Skov MCC: THOMASEN, Gert			
	history (event, available, version, GP-11 27/09/2002 5 . 0 . 0	get it	remarks - general: remarks - this release: .			

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

TR 49.001	General network interworking scenarios					
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation		
		G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-16 25/06/2002 5 . 0 . 0	get it	remarks - general: remarks - this release: .			

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

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Server ACTIVE specs Rel-5 49 .- series
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, Ericsson Incorporated
freeze_meeting: NP-15 G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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 MOTOROLA A/S
freeze_meeting: GP-09 G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,
GP-06 02/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
edito 03/10/2001 5 . 0 . 1 [get it](#) *remarks - this release:* .
GP-07 08/01/2002 5 . 1 . 0 [get it](#)
GP-08 19/02/2002 5 . 2 . 0 [get it](#)
GP-10 19/07/2002 5 . 3 . 0 [get it](#)

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:* 0.1.6 DRAFT *WG (prime / other):* GP / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: GP-09 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
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). Rel-5.
draft 20/03/2002 0 . 1 . 6 [get it](#)

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

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

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting:

WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng
NP /
T2 /
SCP
/ G4

ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,
GP-11 20/09/2002 5 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: .

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

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

WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng
NP /
T2 /
SCP
/ G4

ETSI Secretariat

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,
GP-11 19/09/2002 5 . 0 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: .

TS 51.013 Test specification for SIM API for Java card

Rel-5 *current version:* none
freeze_meeting:

WG (prime / other): T3 / - rapporteur: LLOBREGAT, Fernando
G: yes U: MCC: DIETZE, Claus

OBERTHUR CARD SYSTEMS S.A.

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

TS 51.021 GSM radio aspects base station system equipment specification

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10

WG (prime / other): G3 / - rapporteur: BUSIN, Ake
G: yes U: MCC: USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

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

G = required in systems with GERANaccess; U = required in systems with UMTS

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

TS 51.026 GSM Repeater Equipment Specification

Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G3 / - *rapporteur:* BUSIN, Ake
G: yes U: *MCC:* USAI, Paolino

Telefon AB LM Ericsson

[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
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Mchael
G: yes U: *MCC:* USAI, Paolino

MOTOROLA Ltd

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

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

Rel-5 *current version:* none
freeze_meeting: SP-18
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* TOCHE, Christian
G: yes U: *MCC:* ZOICAS, Adrian

NORTEL NETWORKS (EUROPE)

remarks - general: SP-13: replaces 32.402.
remarks - this release: .

Rel-4

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

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

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

TS 21.102 3rd Generation mobile system Release 4 specifications

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

SP-08	30/06/2000	1	.	0	.	0
SP-10	04/01/2001	1	.	1	.	0
SP-11	11/04/2001	4	.	0	.	0
SP-12	05/07/2001	4	.	1	.	0
SP-13	01/10/2001	4	.	2	.	0
SP-14	03/01/2002	4	.	3	.	0
SP-15	27/03/2002	4	.	4	.	0
SP-16	19/06/2002	4	.	5	.	0
SP-17	18/09/2002	4	.	6	.	0

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

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

TS 21.111 USIM and IC card requirements

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.

TS 21.133 3G security; Security threats and requirements

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

history (event, available, version,
SP-11 09/04/2001 4 . 0 . 0
SP-14 07/01/2002 4 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: *U:* yes *MCC:* POPE, Maurice

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

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

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

TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

SP-08	28/06/2000	1	.	0	.	0
SP-08	30/06/2000	4	.	0	.	0
SP-11	11/04/2001	4	.	1	.	0
SP-13	01/10/2001	4	.	2	.	0
SP-15	27/03/2002	4	.	3	.	0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Formal doc created after TSG#7. (Was briefly 21.200)
[get it](#)
[get it](#)

TR 21.900 Technical Specification Group working methods

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

SP-11	11/04/2001	4	.	0	.	0
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WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes *U:* yes *MCC:* POPE, Maurice

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

SP-09	18/10/2000	4	.	0	.	0
SP-10	08/01/2001	4	.	1	.	0
SP-11	02/04/2001	4	.	2	.	0
SP-12	27/06/2001	4	.	3	.	0
SP-13	05/10/2001	4	.	4	.	0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Absorbs 01.04.
[get it](#)
[get it](#)

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

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

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

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#5			
	SP-10 08/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	remove change 28/02/2001	4 . 1 . 1	get it				
	bars						
	SP-12 27/06/2001	4 . 2 . 0	get it				
	SP-15 25/03/2002	4 . 3 . 0	get it				

TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-11 02/04/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-12 27/06/2001	4 . 2 . 0	get it				

TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-07 17/03/2000	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#5			
	SP-10 08/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-12 27/06/2001	4 . 2 . 0	get it				
	SP-15 25/03/2002	4 . 3 . 0	get it				

TS 22.004	General on supplementary services						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-16 04/07/2002	4 . 2 . 0	get it				

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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,</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		

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,</i>								
	SP-11 02/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-15 25/03/2002	4	.	1	.	0	get it	<i>remarks - this release:</i> TSG#8: CR proposed creation, but not aprvd.	
	SP-16 04/07/2002	4	.	2	.	0	get it		
	edito post SP-16 19/07/2002	4	.	2	.	1	get it	History box	

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,</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>	

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,</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>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</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 22.032	Immediate Service Termination (IST); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002 4 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).						
			<i>remarks - this release:</i> SP-16: Takes over from 42.032 Rel-4.						
<hr/>									
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-16 04/07/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
<hr/>									
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
<hr/>									
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,</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>						

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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,</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,</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,</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,</i>					
	SP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> Environment (MExE); Stage 1".			

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

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-07 17/03/2000 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-08 28/06/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-11 02/04/2001 4 . 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-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-10 08/01/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-15 25/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 22.071 Location Services (LCS); Stage 1

Rel-4 *current version:* 4.4.1 *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 28/06/2000 4 . 0 . 0 based on 3.2.0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-09 18/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
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,</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,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 01/10/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 29/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 08/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 02/04/2001 4 . 2 . 0	get it				
	SP-12 27/06/2001 4 . 3 . 0	get it				
	SP-14 10/01/2002 4 . 4 . 0	get it				
	SP-15 25/03/2002 4 . 5 . 0	get it				
<hr/>						
TS 22.079	Support of optimal routeing; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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TS 22.081	Line Identification supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-15 25/03/2002	4	.	1	.	0	get it	<i>remarks - this release:</i>	
<hr/>									
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1								
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne				France Telecom
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-12 29/06/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>	
	SP-15 25/03/2002	4	.	2	.	0	get it		
<hr/>									
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael				EMCOM Ltd
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-15 25/03/2002	4	.	1	.	0	get it	<i>remarks - this release:</i>	
<hr/>									
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael				EMCOM Ltd
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-15 25/03/2002	4	.	1	.	0	get it	<i>remarks - this release:</i>	
<hr/>									
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael				EMCOM Ltd
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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>history (event, available, version,</i>									
SP-11	02/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4
								<i>remarks - this release:</i>	
<hr/>									
TS 22.087	User-to-user signalling (UUS); Stage 1								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
SP-11	02/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	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>history (event, available, version,</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 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
SP-11	02/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	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>history (event, available, version,</i>									
SP-11	02/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4
								<i>remarks - this release:</i>	

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

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

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TS 22.101	Service aspects; Service principles								
Rel-4	<i>current version:</i> 4.6.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-08 28/06/2000	4	.	0	.	0	based on 3.9.0	get it	<i>remarks - general:</i>
	SP-09 18/10/2000	4	.	1	.	0		get it	<i>remarks - this release:</i> based on 3.9.0
	SP-10 08/01/2001	4	.	2	.	0		get it	
	SP-11 02/04/2001	4	.	3	.	0		get it	
	SP-12 27/06/2001	4	.	4	.	0		get it	
	spelling 31/07/2001	4	.	4	.	1		get it	
	SP-13 05/10/2001	4	.	5	.	0		get it	
	SP-15 25/03/2002	4	.	6	.	0		get it	

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,</i>								
	SP-09 18/10/2000	4	.	0	.	0		get it	<i>remarks - general:</i>
	SP-10 08/01/2001	4	.	1	.	0		get it	<i>remarks - this release:</i>
	SP-12 27/06/2001	4	.	2	.	0		get it	
	SP-15 25/03/2002	4	.	3	.	0		get it	

TS 22.115	Service Aspects Charging and billing								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele				TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
									<i>remarks - this release:</i>

TR 22.121	Service aspects; The Virtual Home Environment; Stage 1								
Rel-4	<i>current version:</i> 4.1.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke				FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-04 18/10/2000	4	.	0	.	0		get it	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;
	SP-11 02/04/2001	4	.	1	.	0		get it	<i>remarks - this release:</i> Stage 1". SP-16: converted from TS to TR.
	SP-16 19/07/2002	4	.	1	.	1	Converted from TS to TR.	get it	

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

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

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

history (event, available, version,

draft		0 . 1 . 0			<i>remarks - general:</i>
draft		0 . 2 . 0			<i>remarks - this release:</i>
draft		0 . 3 . 0			
draft		0 . 4 . 0			
draft		0 . 5 . 0			
SP-09	28/09/2000	1 . 0 . 0		get it	
draft		1 . 0 . 1			
draft		1 . 1 . 0			
draft		1 . 1 . 0			
draft		1 . 2 . 0			
SP-10		2 . 0 . 0	SP-000551		
SP-10	12/01/2001	4 . 0 . 0		get it	
SP-11	02/04/2001	4 . 1 . 0		get it	
SP-12	27/06/2001	4 . 2 . 0		get it	
SP-14	10/01/2002	4 . 3 . 0		get it	
SP-15	28/03/2002	4 . 4 . 0		get it	

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

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

history (event, available, version,

SP-09	18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>
SP-10	08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>
SP-11	02/04/2001	4 . 2 . 0		get it	
SP-12	27/06/2001	4 . 3 . 0		get it	
SP-14	10/01/2002	4 . 4 . 0		get it	

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

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TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-15 27/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-16 4 . 2 . 0 CR010 unimplementable because
written to wrong version. No new CR at
SP-17; still waiting.

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-T-3 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-T-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0
SP-T-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](#)

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

TS 23.002 Network architecture

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
SP-09 18/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
SP-10 21/12/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-11 06/04/2001 4 . 2 . 0 [get it](#)
SP-12 29/06/2001 4 . 3 . 0 [get it](#)
SP-14 07/01/2002 4 . 4 . 0 [get it](#)
SP-17 24/09/2002 4 . 5 . 0 [get it](#)

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

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

TS 23.003 Numbering, Addressing and Identification

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0
NP-12 27/06/2001 4 . 1 . 0
NP-13 03/10/2001 4 . 2 . 0
NP-14 11/01/2002 4 . 3 . 0
NP-16 21/06/2002 4 . 4 . 0
NP-17 17/09/2002 4 . 5 . 0

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

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

TS 23.007 Restoration procedures

Rel-4 *current version:* 4.1.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
corrects 24/06/2002 4 . 0 . 1
NP-16 21/06/2002 4 . 1 . 0
corrects 24/09/2002 4 . 1 . 1

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

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

TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 28/03/2001 4 . 0 . 0
NP-12 27/06/2001 4 . 1 . 0
NP-16 21/06/2002 4 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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

TS 23.009 Handover procedures

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Ericsson Incorporated
 Rouzbeh
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
 NP-11 11/04/2001 4 . 0 . 0
 NP-12 06/07/2001 4 . 1 . 0
 NP-13 05/10/2001 4 . 2 . 0
 NP-14 08/01/2002 4 . 3 . 0
 NP-16 20/06/2002 4 . 4 . 0
 NP-17 17/09/2002 4 . 5 . 0

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

TS 23.011 Technical realization of Supplementary Services

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
 KYMALAINEN, Kimmo
G: yes U: yes *MCC:*

history (event, available, version,
 NP-11 04/04/2001 4 . 0 . 0
 corrects 24/06/2002 4 . 0 . 1

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

TS 23.012 Location management procedures

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
 KYMALAINEN, Kimmo
G: yes U: yes *MCC:*

history (event, available, version,
 NP-11 04/04/2001 4 . 0 . 0

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

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

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

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

history (event, available, version,
 NP-11 11/04/2001 4 . 0 . 0
 NP-17 17/09/2002 4 . 1 . 0

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

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

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Server ACTIVE specs Rel-4 23 .- series
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TS 23.015 Technical realisation of Operator Determined Barring (ODB)

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

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

history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0
corrects 24/06/2002 4 . 0 . 1

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

TS 23.016 Subscriber data management; Stage 2

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11

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

history (event, available, version,
NP-11 30/03/2001 4 . 0 . 0
NP-15 28/03/2002 4 . 1 . 0
NP-16 21/06/2002 4 . 2 . 0
NP-17 17/09/2002 4 . 3 . 0

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

TS 23.018 Basic Call Handling; Technical realization

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

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

history (event, available, version,
NP-09 25/10/2000 4 . 0 . 0
NP-10 21/12/2000 4 . 1 . 0
NP-11 06/04/2001 4 . 2 . 0
NP-12 27/06/2001 4 . 3 . 0
NP-13 03/10/2001 4 . 4 . 0
NP-14 16/01/2002 4 . 5 . 0
NP-15 28/03/2002 4 . 6 . 0

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

TS 23.032 Universal Geographical Area Description (GAD)

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

WG (prime / other): S2 / - *rapporteur:* HIETALAHTI, Hannu NOKIA Corporation
SULTAN, Alain
G: yes U: yes *MCC:*

history (event, available, version,
SP-11 11/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* S2 responsibility?
remarks - this release:

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

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Server ACTIVE specs Rel-4 23 .- series
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TS 23.034 High Speed Circuit Switched Data (HSCSD); Stage 2

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

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

history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0

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

TS 23.035 Immediate Service Termination (IST); Stage 2

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-16

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,
SP-16 24/06/2002 4 . 0 . 0
SP-17 18/09/2002 4 . 1 . 0

[get it](#) *remarks - general:* SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).
[get it](#) *remarks - this release:* SP-16: takes over from 43.035 Rel-4

TS 23.038 Alphabets and language-specific information

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

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

history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0
TP-10 03/01/2001 4 . 1 . 0
TP-11 29/03/2001 4 . 2 . 0
TP-13 03/10/2001 4 . 3 . 0
TP-14 11/01/2002 4 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* based on 3.3.0
[get it](#)
[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
freeze_meeting: SP-11

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

history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0

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

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

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Server ACTIVE specs Rel-4 23 .- series
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TS 23.040 Technical realization of Short Message Service (SMS)

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

TP-08	23/06/2000	4	.	0	.	0
TP-09	11/10/2000	4	.	1	.	0
TP-11	29/03/2001	4	.	2	.	0
TP-12	02/07/2001	4	.	3	.	0
TP-13	03/10/2001	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

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

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

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

TP-11	06/04/2001	4	.	0	.	0
TP-12	04/07/2001	4	.	1	.	0
TP-14	11/01/2002	4	.	2	.	0
TP-16	02/07/2002	4	.	3	.	0

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

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

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,

TP-11	06/04/2001	4	.	0	.	0
include test vector file	17/10/2001	4	.	0	.	1

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

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

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

Rel-4 *current version:* 4.3.0
freeze_meeting: TP-12
history (event, available, version,

TP-12	06/07/2001	4	.	0	.	0
TP-13	12/10/2001	4	.	1	.	0
TP-14	17/01/2002	4	.	2	.	0
TP-15	28/03/2002	4	.	3	.	0

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

[get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

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

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* No draft.
SP-11 29/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
edito 01/10/2001 4 . 0 . 1 [get it](#)

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-12 05/07/2001 4 . 2 . 0 [get it](#)
TP-13 05/10/2001 4 . 3 . 0 [get it](#)
include fig 5 18/10/2001 4 . 3 . 1 [get it](#)
TP-14 16/01/2002 4 . 4 . 0 [get it](#)
TP-15 25/03/2002 4 . 5 . 0 [get it](#)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* SULTAN, Alain
history (event, available, version,
SP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 12/10/2001 4 . 2 . 0 [get it](#)
SP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 4 . 3 . 1 [get it](#)
SP-15 05/04/2002 4 . 4 . 0 [get it](#)
SP-16 17/06/2002 4 . 5 . 0 [get it](#)
SP-17 02/10/2002 4 . 6 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 23 .- series
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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			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
	corrects 24/06/2002	4	.	0	.	1		get it	<i>remarks - this release:</i>
<hr/>									
TS 23.067	Enhanced Multi-Level Precedence and Preemption 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			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-10 21/12/2000	4	.	0	.	0		get it	<i>remarks - general:</i>
	NP-12 27/06/2001	4	.	1	.	0		get it	<i>remarks - this release:</i>
	corrects 24/06/2002	4	.	1	.	1		get it	
<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			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
	corrects 24/06/2002	4	.	0	.	1		get it	<i>remarks - this release:</i>
<hr/>									
TS 23.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2								
Rel-4	<i>current version:</i> 4.6.1			<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U: yes</i>	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	NP-11 02/04/2001	4	.	0	.	0		get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5
	NP-12 29/06/2001	4	.	1	.	0		get it	<i>remarks - this release:</i> Phase 3.
	NP-13 03/10/2001	4	.	2	.	0		get it	
	NP-14 04/01/2002	4	.	3	.	0		get it	
	NP-15 19/03/2002	4	.	4	.	0		get it	
	NP-16 17/06/2002	4	.	5	.	0		get it	
	post NP-16 edito 19/06/2002	4	.	5	.	1		get it	
	NP-17 17/09/2002	4	.	6	.	0		get it	
	editorial correction 14/11/2002	4	.	6	.	1		get it	minor correction, no need for SDO publication
	to cover page								

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TS 23.079	Support of Optimal Routing (SOR); Technical realization; Stage 2								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	Chalmers						
	<i>history (event, available, version,</i>	<i>MCC:</i> KYMALAINEN, Kimmo							
	NP-11 04/04/2001 4 . 0 . 0	get it	remarks - general:	CR at TSG#4,CR at TSG#5					
	NP-16 21/06/2002 4 . 1 . 0	get it	remarks - this release:	.					
<hr/>									
TS 23.081	Line Identification supplementary services; Stage 2								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>	get it	remarks - general:						
	NP-11 04/04/2001 4 . 0 . 0	get it	remarks - this release:						
	NP-17 17/09/2002 4 . 1 . 0								
<hr/>									
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>	get it	remarks - general:						
	NP-11 04/04/2001 4 . 0 . 0	get it	remarks - this release:						
	NP-12 27/06/2001 4 . 1 . 0	get it							
	NP-13 03/10/2001 4 . 2 . 0	get it							
	NP-16 21/06/2002 4 . 3 . 0	get it							
<hr/>									
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>	get it	remarks - general:						
	NP-09 26/10/2000 4 . 0 . 0	get it	remarks - this release:						
	NP-11 30/03/2001 4 . 1 . 0	get it							
	inclusion of 24/04/2001 4 . 2 . 0	get it							
	missed CR								
	NP-14 10/01/2002 4 . 3 . 0	get it							

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TS 23.084 MultiParty (MPTY) Supplementary Service; Stage 2
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 30/03/2001 4 . 0 . 0

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

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

TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

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

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

TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

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

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

TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

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

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

TS 23.088 Call Barring (CB) Supplementary Service; Stage 2
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

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

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

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TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</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	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 23.094	Follow Me Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. 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	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5
								<i>remarks - this release:</i>	
<hr/>									
TS 23.101	General UMTS Architecture								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-11 11/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
Rel-4	<i>current version:</i> 4.5.0								
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version,</i>								
	SP-10 22/12/2000	4	.	0	.	0			
	SP-12 29/06/2001	4	.	1	.	0			
	SP-13 12/10/2001	4	.	2	.	0			
	SP-14 07/01/2002	4	.	3	.	0			
	SP-15 07/04/2002	4	.	4	.	0			
	SP-17 24/09/2002	4	.	5	.	0			
							get it	<i>remarks - general:</i>	was 23.907
							get it	<i>remarks - this release:</i>	
							get it		
							get it		
							get it		
							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>history (event, available, version,</i>								
	NP-11 11/04/2001	4	.	0	.	0			NP-15 withdrawn
	post NP-16 28/06/2002	4	.	0	.	1			update history table
							get it	<i>remarks - general:</i>	This is clause 7 from 04.08 ex R98.
							get it	<i>remarks - this release:</i>	2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.

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TS 23.110	UMTS Access Stratum Services and Functions								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U: yes</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-11 11/04/2001	4	.	0	.	0			
					get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 23.116	Super-Charger technical realization; Stage 2								
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0			
	NP-12 27/06/2001	4	.	1	.	0			
	NP-14 10/01/2002	4	.	2	.	0			
					get it	<i>remarks - general:</i> New after TSG#5			
					get it	<i>remarks - this release:</i>			
					get it				
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4	.	0	.	0			
					get it	<i>remarks - general:</i> 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> 4.2.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G: U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4	.	0	.	0			
	NP-12 05/07/2001	4	.	1	.	0			
	NP-17 17/09/2002	4	.	2	.	0			
					get it	<i>remarks - general:</i>			
					get it	<i>remarks - this release:</i>			
					get it				

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TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, ERICSSON RESEARCH CANADA
freeze_meeting: SP-11 *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,
SP-09 06/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.
SP-11 06/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-12 29/06/2001 4 . 2 . 0 [get it](#)
SP-15 05/04/2002 4 . 3 . 0 [get it](#)

TS 23.135 Multicall supplementary service; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-09 25/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.8.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-09 06/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-10 21/12/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-12 03/07/2001 4 . 3 . 0 [get it](#)
TP-13 05/10/2001 4 . 4 . 0 [get it](#)
TP-14 11/01/2002 4 . 5 . 0 [get it](#)
TP-15 21/03/2002 4 . 6 . 0 [get it](#)
TP-16 25/06/2002 4 . 7 . 0 [get it](#)
TP-17 23/09/2002 4 . 8 . 0 [get it](#)

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

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

history (event, available, version,

NP-06	17/12/1999	1	.	0	.	0	get it	<i>remarks - general:</i>
NP-07	17/03/2000	1	.	1	.	0	get it	<i>remarks - this release:</i> New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"
N3-10	25/05/2000	2	.	0	.	0	get it	
NP-08	23/06/2000	4	.	0	.	0	get it	
NP-09	12/10/2000	4	.	1	.	0	get it	

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

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

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

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

history (event, available, version,

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

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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> SULTAN, Alain					
	<i>history (event, available, version,</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,</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> 4.7.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</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 2G and 3G spec.				
	SP-09 09/11/2000	1 . 0 . 0		get it					
	draft 22/11/2000	1 . 1 . 0		get it					
	SP-10 27/02/2001	2 . 0 . 0	SP-000596	get it					
	SP-11 11/04/2001	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					

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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> SULTAN, Alain	
	<i>history (event, available, version,</i>		get it	<i>remarks - general:</i> New after TSG#5		
	SP-08 28/06/2000	1 . 0 . 1		<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> SULTAN, Alain	
	<i>history (event, available, version,</i>		get it	<i>remarks - general:</i>		
	draft 12/09/2000	0 . 2 . 0	get it	<i>remarks - this release:</i>		
	draft 08/11/2000	0 . 3 . 0	get it			
	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> SULTAN, Alain	
	<i>history (event, available, version,</i>		get it	<i>remarks - general:</i>		
	SP-09	1 . 0 . 0	get it	<i>remarks - this release:</i> .		
	draft 08/11/2000	1 . 2 . 0				
	draft 24/11/2000	1 . 3 . 0				

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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		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</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	SONERA Corporation	
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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			Chalmers		
	<i>history (event, available, version,</i>		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	NP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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TR 23.910 Circuit switched data bearer services

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

NP-09	18/10/2000	4	.	0	.	0
edito	24/10/2000	4	.	0	.	1
NP-10	22/12/2000	4	.	1	.	0
NP-11	06/04/2001	4	.	2	.	0
NP-12	28/06/2001	4	.	3	.	0
NP-14	11/01/2002	4	.	4	.	0
NP-17	17/09/2002	4	.	5	.	0

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

[get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 23.911 Technical report on Out-of-band transcoder control

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

NP-11	04/04/2001	4	.	0	.	0
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WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

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

TR 23.912 Technical report on Super-Charger

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

NP-11	04/04/2001	4	.	0	.	0
NP-14	10/01/2002	4	.	1	.	0

WG (prime / other): N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

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

TR 23.925 UMTS Core network based ATM transport

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): S2 / - *rapporteur:* ROUZ, Adel FUJITSU Laboratories of Europe Limited
G: yes *U:* yes *MCC:* SULTAN, Alain

remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
remarks - this release:

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

TR 23.930 **Iu Principles**
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 11/04/2001 4 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
G: *U:* yes *MCC:* SULTAN, Alain

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

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

TS 24.002 **GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration**
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 06/04/2001 4 . 0 . 0

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

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

TS 24.007 **Mobile radio interface signalling layer 3; General Aspects**
Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-14 04/01/2002 4 . 1 . 0
NP-16 24/06/2002 4 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes *U:* yes *MCC:* JORGENSEN, Per Johan

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

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

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

Rel-4 *current version:* 4.8.0 *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,

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

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 MOTOROLA A/S
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* Peter Skov KYMALAINEN, Kimmo

history (event, available, version,

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 MOTOROLA A/S
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* Peter Skov JORGENSEN, Per Johan

history (event, available, version,

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

restore missing figure

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TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link					
			<i>remarks - this release:</i>	Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and					
				the Base Station System - Mobile-services Switching Centre (BSS-MSC)					
<hr/>									
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.					
	NP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	NP-14 10/01/2002 4 . 2 . 0	get it							
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	NP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>						
<hr/>									
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	corrects 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>						

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

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

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[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,
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
SIEMENS AG
[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,
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
SIEMENS AG
[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,
NP-11 04/04/2001 4 . 0 . 0
correct references 25/06/2002 4 . 0 . 1
correct history 23/07/2002 4 . 0 . 2

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

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

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 24.093 Call Completion to Busy Subscriber (CCBS); Stage 3

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 24.096 Name Identification Supplementary Service; Stage 3

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

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
NP-14 10/01/2002 4 . 1 . 0
correct references 25/06/2002 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo
G: *U:* yes *MCC:* KYMALAINEN, Kimmo
NTT COMWARE Corporation
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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

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

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

TS 25.101 UE Radio transmission and reception (FDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

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

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

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

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

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-17	02/10/2002	4	.	6	.	0

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

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

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

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

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

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

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

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

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

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

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

Start of work	01/08/2000	0	.	0	.	1
RP-09	13/10/2000	1	.	0	.	0
RP-10	21/12/2000	1	.	1	.	0
RP-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

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

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

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-17	02/10/2002	4	.	3	.	0

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

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

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

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

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 10/10/2001 4 . 2 . 0 [get it](#)
RP-14 16/01/2002 4 . 3 . 0 [get it](#)
RP-15 29/03/2002 4 . 4 . 0 [get it](#)
RP-16 03/07/2002 4 . 5 . 0 [get it](#)
RP-17 10/10/2002 4 . 6 . 0 [get it](#)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 10/10/2001 4 . 2 . 0 [get it](#)
RP-14 17/01/2002 4 . 3 . 0 [get it](#)
RP-15 29/03/2002 4 . 4 . 0 [get it](#)
RP-16 04/07/2002 4 . 5 . 0 [get it](#)
RP-17 04/10/2002 4 . 6 . 0 [get it](#)

TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: SP-11 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 03/10/2001 4 . 2 . 0 [get it](#)
RP-14 16/01/2002 4 . 3 . 0 [get it](#)
RP-15 02/04/2002 4 . 4 . 0 [get it](#)
RP-16 04/07/2002 4 . 5 . 0 [get it](#)
RP-17 04/10/2002 4 . 6 . 0 [get it](#)

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

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

TS 25.142 Base station conformance testing (TDD)

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

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

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

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

TS 25.143 UTRA repeater; Conformance testing

Rel-4 *current version:* 4.5.0
freeze_meeting: RP-11
history (event, available, version,

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

Start of work 01/08/2000 0 . 0 . 0
RP-09 12/10/2000 0 . 0 . 2
RP-10 21/12/2000 1 . 0 . 0 RP-000671
RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-15 19/03/2002 4 . 3 . 0
RP-16 03/07/2002 4 . 4 . 0
RP-17 02/10/2002 4 . 5 . 0

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

TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

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

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

3GPP specification status

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

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* WILDE, Andreas Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 28/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 08/10/2001 4 . 2 . 0 [get it](#)
RP-14 09/01/2002 4 . 3 . 0 [get it](#)
RP-15 29/03/2002 4 . 4 . 0 [get it](#)
RP-16 28/06/2002 4 . 5 . 0 [get it](#)
RP-17 27/09/2002 4 . 6 . 0 [get it](#)

TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R1 / - *rapporteur:* TANAKA, Yos hinori Fujitsu Limited
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 28/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 08/10/2001 4 . 2 . 0 [get it](#)
RP-14 09/01/2002 4 . 3 . 0 [get it](#)
RP-15 29/03/2002 4 . 4 . 0 [get it](#)
RP-16 28/06/2002 4 . 5 . 0 [get it](#)
RP-17 27/09/2002 4 . 6 . 0 [get it](#)

TS 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* R1 / - *rapporteur:* CHAMBERS, Peter SIEMENS AG
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 28/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-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

3GPP specification status

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

TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0

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

NEC Corporation

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

TS 25.215 Physical layer; Measurements (FDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0

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

NEC Corporation

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

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

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

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0

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

Matsushita Communication Industrial Co, Ltd

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

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

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

TS 25.222 Multiplexing and channel coding (TDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-13	08/10/2001	4	.	1	.	0
RP-14	09/01/2002	4	.	2	.	0
RP-15	29/03/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0

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

Nokia Japan Co. Ltd

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

TS 25.223 Spreading and modulation (TDD)

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0

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

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

TS 25.224 Physical layer procedures (TDD)

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

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0

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

SIEMENS AG

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

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

3GPP specification status

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

TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0

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

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

TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

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

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

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

TS 25.302 Services provided by the physical layer

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

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

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

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

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

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

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

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

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

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

RP-11 27/03/2001 4 . 0 . 0
RP-12 27/06/2001 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

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

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.3.0
freeze_meeting: RP-11
history (event, available, version,

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

RP-11 27/03/2001 4 . 0 . 0
RP-12 19/06/2001 4 . 1 . 0
RP-14 04/01/2002 4 . 2 . 0
RP-15 19/03/2002 4 . 3 . 0

[get it](#) *remarks - general:* Created from 25.923
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

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

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

TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
G: *U:* yes *MCC:* ARZELIER, Claude

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

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

Rel-4 *current version:* 4.1.0
freeze_meeting: RP-13
history (event, available, version,

WG (prime / other): R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

RP-13 02/10/2001 4 . 0 . 0
RP-14 04/01/2002 4 . 1 . 0

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

RMM requirements.

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.6.0
freeze_meeting: RP-11
history (event, available, version,

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

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](#)

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

3GPP specification status

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

TS 25.322 Radio Link Control (RLC) protocol specification

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

RP-11	27/03/2001	4	.	0	.	0
RP-12	19/06/2001	4	.	1	.	0
RP-13	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

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

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

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

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

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

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	27/03/2001	4	.	0	.	0
RP-16	17/06/2002	4	.	1	.	0

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

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

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

3GPP specification status

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

TS 25.331 Radio Resource Control (RRC) protocol specification

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

RP-11	06/04/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
RP-12	27/06/2001	4	.	1	.	0		get it	<i>remarks - this release:</i>
RP-13	08/10/2001	4	.	2	.	0		get it	
replace ASN.1	16/10/2001	4	.	2	.	1		get it	
RP-14	18/01/2002	4	.	3	.	0		get it	
RP-15	25/03/2002	4	.	4	.	0		get it	
RP-16	20/06/2002	4	.	5	.	0		get it	
RP-17	20/09/2002	4	.	6	.	0	Do not use this version: contains wrong ASN.1	get it	
Misimplemented RP-17 CR	23/09/2002	4	.	7	.	0	v4.6.0 omitted ASN.1 in error	get it	

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

TS 25.401 UTRAN Overall Description

Rel-4 *current version: 4.5.0*
freeze_meeting: SP-11
history (event, available, version,

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	

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

TS 25.402 Synchronisation in UTRAN Stage 2

Rel-4 *current version: 4.5.0*
freeze_meeting: SP-11
history (event, available, version,

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	

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

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

3GPP specification status

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

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	11/01/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-17	30/09/2002	4	.	5	.	0

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mmO2 plc
G: *U:* yes *MCC:* KRAUSE, Joern

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

TS 25.411 UTRAN Iu interface layer 1

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

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

TS 25.412 UTRAN Iu interface signalling transport

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-17	30/09/2002	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
G: *U:* yes *MCC:* KRAUSE, Joern

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

TS 25.413 UTRAN Iu interface RANAP signalling

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

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	05/07/2002	4	.	5	.	0
RP-17	03/10/2002	4	.	6	.	0

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

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

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

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

TS 25.414 UTRAN Iu interface data transport & transport signalling

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-13	12/10/2001	4	.	1	.	0
RP-14	14/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

WG (prime / other): R3 / - *rapporteur:* COMSTOCK, David
G: U: yes *MCC:* KRAUSE, Joern

Telefon AB LM Ericsson

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

TS 25.415 UTRAN Iu interface user plane protocols

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

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	25/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	30/09/2002	4	.	6	.	0

WG (prime / other): R3 / - *rapporteur:* MAUPIN, Alain
G: U: yes *MCC:* KRAUSE, Joern

Telefon AB LM Ericsson

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

TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

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

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	11/01/2002	4	.	3	.	0
RP-15	25/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0

correct vers no. 06/08/2002 4 . 5 . 1

shown on doc

RP-17	03/10/2002	4	.	6	.	0
-------	------------	---	---	---	---	---

WG (prime / other): R3 / - *rapporteur:* TAYLOR, Carolyn
G: U: yes *MCC:* KRAUSE, Joern

MOTOROLA Ltd

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

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

3GPP specification status

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

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-14 11/01/2002 4 . 1 . 0
RP-15 02/04/2002 4 . 2 . 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:*
[get it](#)

TS 25.421 UTRAN Iur interface Layer 1

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: *U:* yes *MCC:* KRAUSE, Joern

SIEMENS AG

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

TS 25.422 UTRAN Iur interface signalling transport

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-14 11/01/2002 4 . 1 . 0
edito post RP-14 02/04/2002 4 . 1 . 1
RP-17 03/10/2002 4 . 2 . 0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran
G: *U:* yes *MCC:* KRAUSE, Joern

RadioScape Limited

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

TS 25.423 UTRAN Iur interface RNSAP signalling

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-13 12/10/2001 4 . 2 . 0
RP-14 11/01/2002 4 . 3 . 0
RP-15 02/04/2002 4 . 4 . 0
RP-16 05/07/2002 4 . 5 . 0
RP-17 11/10/2002 4 . 6 . 0

WG (prime / other): R3 / - *rapporteur:* RUNE, Göran
G: *U:* yes *MCC:* KRAUSE, Joern

Ericsson AB

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

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

3GPP specification status

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

TS 25.424	UTRAN lur interface data transport & transport signalling for CCH data streams								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-14 11/01/2002	4 . 1 . 0			get it	<i>remarks - this release:</i>			
	RP-15 02/04/2002	4 . 2 . 0			get it				
	RP-16 28/06/2002	4 . 3 . 0			get it				

TS 25.425	UTRAN lur interface user plane protocols for CCH data streams								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-13 12/10/2001	4 . 1 . 0			get it	<i>remarks - this release:</i>			
	RP-14 11/01/2002	4 . 2 . 0			get it				
	RP-15 02/04/2002	4 . 3 . 0			get it				

TS 25.426	UTRAN lur and lub interface data transport & transport signalling for DCH data streams								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	KEKKI, Sami	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-14 11/01/2002	4 . 1 . 0			get it	<i>remarks - this release:</i>			
	RP-15 02/04/2002	4 . 2 . 0			get it				
	RP-16 28/06/2002	4 . 3 . 0			get it				
	RP-17 03/10/2002	4 . 4 . 0			get it				

TS 25.427	UTRAN lur and lub interface user plane protocols for DCH data streams								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	R3	/ -	<i>rapporteur:</i>	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>			<i>MCC:</i>	KRAUSE, Joern			
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i>			
	RP-12 06/07/2001	4 . 1 . 0			get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001	4 . 2 . 0			get it				
	RP-14 11/01/2002	4 . 3 . 0			get it				

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

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

TS 25.430 UTRAN lub Interface: General Aspects and Principles

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-14 11/01/2002 4 . 2 . 0

RP-16 28/06/2002 4 . 3 . 0

RP-17 03/10/2002 4 . 4 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: U: yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

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

TS 25.431 UTRAN lub interface Layer 1

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: U: yes *MCC:* KRAUSE, Joern

SIEMENS AG

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

TS 25.432 UTRAN lub interface: signalling transport

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick
G: U: yes *MCC:* KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

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

TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-13 12/10/2001 4 . 2 . 0

edito 23/10/2001 4 . 2 . 1

RP-14 11/01/2002 4 . 3 . 0

RP-15 04/04/2002 4 . 4 . 0

RP-16 19/07/2002 4 . 5 . 0

RP-17 11/10/2002 4 . 6 . 0

WG (prime / other): R3 / - *rapporteur:* ISHIKAWA, Nobutaka
G: U: yes *MCC:* KRAUSE, Joern

NTT DoCoMo Inc

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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

TS 25.434	UTRAN lub interface data transport & transport signalling for CCH data streams					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> ALDEN, Magnus	TELIA AB		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</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				
<hr/>						
TS 25.435	UTRAN lub interface user plane protocols for CCH data streams					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 02/04/2002 4 . 4 . 0	get it				
	RP-17 03/10/2002 4 . 5 . 0	get it				
<hr/>						
TS 25.442	UTRAN implementation-specific O&M transport					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 25.832	Manifestations of Handover and SRNS relocation					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</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.			

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

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TR 25.834 UTRA TDD low chip rate option; Radio protocol aspects

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
Start of work 01/07/2000 0 . 0 . 0
draft 15/07/2000 0 . 0 . 1
draft 01/08/2000 0 . 1 . 0
RP-09 01/10/2000 1 . 0 . 0
RP-10 20/12/2000 4 . 0 . 0
RP-11 27/03/2001 4 . 1 . 0

WG (prime / other): R2 / - *rapporteur:* LIU, YanHui CATT
G: *U:* yes *MCC:* ARZELIER, Claude

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.836 Node B synchronization for TDD

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
RP-10 12/01/2001 4 . 0 . 0
RP-11 05/04/2001 4 . 1 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

TR 25.837 Hybrid ARQ Type II/III (lub/lur aspects)

Rel-4 *current version:* 0.1.0 DRAFT
freeze_meeting: SP-11
history (event, available, version,
RP-09 21/09/2000 0 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.838 Node B Synchronisation for TDD (lub/lur aspects)

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
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

WG (prime / other): R3 / - *rapporteur:* LENHART, Johannes SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)

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TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub 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>	<i>MCC:</i> KRAUSE, Joern					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-12 05/07/2001 0 . 2 . 0	RP-010426	get it	<i>remarks - general:</i>					
	RAN3 approved 01/10/2001 0 . 3 . 0	referred to at RP-13.	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, Ju Ho	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-09 28/09/2000 1 . 0 . 0		get it	<i>remarks - general:</i>					
	RP-10 12/01/2001 2 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.					
	RP-11 05/04/2001 2 . 3 . 0		get it						
<hr/>									
TR 25.841	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-09 28/09/2000 1 . 0 . 0		get it	<i>remarks - general:</i>					
	RP-10 12/01/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.					
	RP-11 04/04/2001 4 . 1 . 0		get it						
<hr/>									
TR 25.842	Smart antenna								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling	CATT				
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> SASAKI, Tsukasa					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-09 12/01/2001 1 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5.					
<hr/>									
TR 25.843	1,28 Mcps TDD UE Radio Access Capabilities								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> ZHU, Yifei	CATT				
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> ARZELIER, Claude					
	<i>history (event, available, version,</i>		<i>U: yes</i>						
	RP-10 20/12/2000 4 . 0 . 0		get it	<i>remarks - general:</i>					
	RP-11 27/03/2001 4 . 1 . 0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.					

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TR 25.844 Radio access bearer support enhancements

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* KRISHNARAJAH, Ericsson AB
Ainkaran
G: *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-10 20/12/2000 1 . 0 . 0 RP-000560
RP-11 27/03/2001 4 . 0 . 0
RP-13 02/10/2001 4 . 1 . 0
RP-16 17/06/2002 4 . 2 . 0
RP-17 18/09/2002 4 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)

TR 25.847 UE positioning enhancements

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

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

history (event, available, version,

draft 10/11/2000 0 . 1 . 0
RP-10 20/12/2000 1 . 0 . 0
RP-11 27/03/2001 4 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)

TR 25.848 Physical Layer Aspects of UTRA High Speed Downlink Packet Access

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-10

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

history (event, available, version,

RP-11 05/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: RP-15: Not to be promoted to Rel-5.

TR 25.849 DSCH power control improvement in soft handover

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

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

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

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TR 25.850	UE positioning in UTRAN lub/lur protocol aspects				
Rel-4	current version: 4.3.0	WG (prime / other): R3 / -	rapporteur: HAUTALA, Jari	NOKIA Corporation	
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,				
	RP-10 21/12/2000 0 . 0 . 2	get it	remarks - general:		
	draft 21/12/2000 0 . 1 . 0	get it	remarks - this release: RP-15: No upgrade to Rel-5.		
	RP-11 06/04/2001 4 . 0 . 0	get it			
	RP-12 06/07/2001 4 . 1 . 0	get it			
	RP-13 12/10/2001 4 . 2 . 0	get it			
	RP-14 11/01/2002 4 . 3 . 0	get it			
<hr/>					
TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu				
Rel-4	current version: 4.0.0	WG (prime / other): R3 /	rapporteur: IRWIN, Sania	MOTOROLA GmbH	
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,				
	RP-10 21/12/2000 0 . 0 . 2	get it	remarks - general:		
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - this release: RP-15: No upgrade to Rel-5.		
<hr/>					
TR 25.852	Radio access bearer support enhancements for the lu				
Rel-4	current version: 0.0.0	WG (prime / other): R3 /	rapporteur: DIESEN, Michael	MOTOROLA Ltd	
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,				
	RP-11 06/04/2001 0 . 0 . 0	get it	remarks - general:		
			remarks - this release: RP-15: No upgrade to Rel-5.		
<hr/>					
TR 25.853	Delay budget within the access stratum				
Rel-4	current version: 4.0.0	WG (prime / other): R3 / -	rapporteur: DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One	
	freeze_meeting: RP-11	G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,				
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - general: Was 25.932. Approved and renumbered at TSG#10.		
			remarks - this release: RP-15: No upgrade to Rel-5.		

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Server ACTIVE specs Rel-4 25 .- series
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TR 25.921 Guidelines and principles for protocol description and error handling

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)

TR 25.922 Radio Resource Management Strategies

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-13 02/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-15 19/03/2002 4 . 2 . 0 [get it](#)

TR 25.928 1,28 Mcps functionality for UTRA TDD physical layer

Rel-4 *current version:* 4.0.1 *WG (prime / other):* R1 / - *rapporteur:* AKSENTIJEVIC, Mirko NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-07 0 . 0 . 2 RP-000091 *remarks - general:* Created R1#10, Jan 99.
RP-07 15/03/2000 0 . 0 . 3 RP-000158 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-08 0 . 2 . 0
RP-08 23/06/2000 1 . 0 . 0 [get it](#)
RP-09 11/01/2001 1 . 1 . 0 [get it](#)
RP-11 06/04/2001 4 . 0 . 0 [get it](#)
edito 10/04/2001 4 . 0 . 1 [get it](#)

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TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-07
history (event, available, version,

RP-11	30/03/2001	4	.	0	.	0
RP-12	05/07/2001	4	.	1	.	0
RP-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

WG (prime / other): R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.
G: U: yes *MCC:* KRAUSE, Joern

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

TR 25.934 AAL2 QoS optimization

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

draft	25/04/2000	0	.	0	.	0
draft	16/05/2000	0	.	0	.	1
RP-09	28/09/2000	0	.	2	.	0
RP-10	21/12/2000	0	.	2	.	1
RP-11	06/04/2001	4	.	0	.	0

RP-000646

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Co., Ltd.
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)

TR 25.935 RRM optimisation

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

Start of work	01/08/2000	0	.	0	.	0
draft	15/07/2000	0	.	0	.	1
R3-15	15/08/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	1	.	1
draft	16/10/2000	1	.	0	.	0
RP-11	06/04/2001	4	.	0	.	0
RP-15	25/03/2002	4	.	1	.	0

WG (prime / other): R3 / - *rapporteur:* VAN LIESHOUT, ERICSSON EUROLAB NETHERLANDS BV
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
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TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

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

history (event, available, version,
Start of work 01/07/2000 0 . 0 . 0
draft 15/07/2000 0 . 0 . 1
R3-15 01/09/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 0
RP-11 06/04/2001 4 . 0 . 0
formatting 09/01/2002 4 . 0 . 1
corrections

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.937 UTRAN TDD low chiprate

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* XU, Bing HuaWei Technologies Co., Ltd
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 01/08/2000 0 . 0 . 0
draft 15/08/2000 0 . 0 . 1
R3-15 30/08/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 1 RP-000686
RP-11 06/04/2001 4 . 0 . 0
RP-13 12/10/2001 4 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

TR 25.942 RF system scenarios

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-12

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel SpA
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
RP-11 10/10/2001 4 . 0 . 0 expected post RP-12
RP-14 14/01/2002 4 . 1 . 0
RP-16 03/07/2002 4 . 2 . 0

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.
[get it](#) *remarks - this release:*
[get it](#)

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TR 25.943	Deployment aspects								
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SKÖLD, Johan	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-12			<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	R4-09	0 . 0 . 1						<i>remarks - general:</i>	
	R4-11	0 . 1 . 0						<i>remarks - this release:</i>	
	RP-08 23/06/2000	2 . 0 . 0							get it
	RP-12	2 . 1 . 0	RP-010437						
	RP-12 29/06/2001	4 . 0 . 0							get it
	RP-14 16/01/2002	4 . 1 . 0							get it
	RP-16 03/07/2002	4 . 2 . 0							get it
<hr/>									
TR 25.944	Channel coding and multiplexing examples								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	NEC Corporation			
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-11 06/04/2001	4 . 0 . 0						<i>remarks - general:</i> Created Jan 2000 (aka R1.04)	
	edito 10/04/2001	4 . 0 . 1						<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
	RP-12 28/06/2001	4 . 1 . 0							get it
<hr/>									
TR 25.945	RF requirements for low chip rate TDD option								
Rel-4	<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> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-09	0 . 3 . 0						<i>remarks - general:</i>	
	RP-10 21/12/2000	2 . 0 . 0	RP-000678					<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

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

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> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	draft 15/08/2000	0	. 0	. 1	get it	<i>remarks - general:</i>			
	R3-15 30/08/2000	0	. 1	. 0	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			
	RP-10 21/12/2000	0	. 1	. 1	get it				RP-000656
	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> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	draft 07/11/2000	0	. 0	. 0	get it	<i>remarks - general:</i>			
	RP-11 27/03/2001	4	. 0	. 0	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			

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> U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	RP-10 21/12/2000	0	. 0	. 3	get it	<i>remarks - general:</i>			RP-000664
	RP-11 06/04/2001	4	. 0	. 0	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			

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,</i>								
	RP-11 06/04/2001	4	. 0	. 0	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			

TR 25.956	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,</i>								
	RP-11 10/04/2001	4	. 0	. 0	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i>			

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

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

TR 25.993 Typical examples of RABs and RBs supported by UTRA

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version,

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

remarks - general:
remarks - this release: Pointer to latest release version.

Rel-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

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

TS 26.073 AMR speech Codec; C-source code

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0
SP-14 09/01/2002 4 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

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

TS 26.074 AMR speech Codec; Test sequences

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0
corected tests 04/07/2001 4 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

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

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TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>					
TS 26.090	AMR speech Codec; Transcoding Functions				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-11 07/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>
<hr/>					
TS 26.091	AMR speech Codec; Error concealment of lost frames				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>
<hr/>					
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>
<hr/>					
TS 26.093	AMR speech Codec; Source Controlled Rate operation				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>	SP-10 21/12/2000 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4 <i>remarks - this release:</i>

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

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TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 4 . 2 . 0	get it				
<hr/>						
TS 26.102	AMR speech Codec; Interface to lu and Uu					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 26.103	Speech codec list for GSM and UMTS					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-10 21/12/2000 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	SP-11 10/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-14 09/01/2002 4 . 2 . 0	get it				
	SP-16 28/06/2002 4 . 3 . 0	get it				

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

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TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-4	<i>current version:</i> 4.3.0	<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,</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,</i>					
	SP-09 10/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-11 10/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry		TOSHIBA CO	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#5			
			<i>remarks - this release:</i>			
TS 26.115	Echo control for speech and multi-media services					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> Derived from 26.914 R99.			
TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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				

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

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TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 4 . 2 . 0	get it				
	SP-17 24/09/2002 4 . 3 . 0	get it				
<hr/>						
TS 26.233	End-to-end transparent streaming service; General description					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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				
<hr/>						
TS 26.234	End-to-end transparent streaming service; Protocols and codecs					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NOHLGREN, Anders	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	draft 19/10/2000 0 . 0 . 1	get it	<i>remarks - general:</i>			
	draft 26/10/2000 0 . 0 . 2	get it	<i>remarks - this release:</i>			
	draft 02/11/2000 0 . 0 . 3	get it				
	SP-10 21/12/2000 1 . 0 . 0	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				

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

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TR 26.901	AMR wideband speech codec; Feasibility study report				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-07 17/03/2000 2 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-07 17/03/2000 4 . 0 . 0	get it	<i>remarks - this release:</i>		
	edito 26/04/2000 4 . 0 . 1	get it			
<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>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-10 21/12/2000 4 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-11 10/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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?		
<hr/>					
TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec				
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,</i>				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM.		
	SP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TR 26.978	Results of the AMR noise suppression selection phase				
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,</i>				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Replaces 26.078		
			<i>remarks - this release:</i> Replaces 26.078		

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

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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:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 04/01/2001 4 . 2 . 0 [get it](#)
NP-11 05/04/2001 4 . 3 . 0 [get it](#)
NP-12 04/07/2001 4 . 4 . 0 [get it](#)
NP-13 10/10/2001 4 . 5 . 0 [get it](#)
NP-14 11/01/2002 4 . 6 . 0 [get it](#)
NP-15 20/03/2002 4 . 7 . 0 [get it](#)
NP-17 17/09/2002 4 . 8 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
<to be defined> 12/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-10 22/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 02/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-16 25/06/2002 4 . 2 . 0 [get it](#)

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http://www.3gpp.org/ftp/Specs/archive/27_series

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-09 11/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-12 04/07/2001 4 . 2 . 0 [get it](#)
TP-14 15/01/2002 4 . 3 . 0 [get it](#)
TP-15 04/04/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 04/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 25/03/2002 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* GPRS
NP-16 24/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-17 17/09/2002 4 . 2 . 0 [get it](#)

TS 27.103 Wide Area Network Synchronization

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* CHAU, Alan NOKIA UK Ltd
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs Rel-4 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.901 Report on Terminal Interfaces - An Overview

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

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

history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0
TP-15 26/03/2002 4 . 1 . 0

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

TR 27.903 Discussion of synchronization standards

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: TP-15: Not to be promoted to Rel-5.

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

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

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

history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0
SP-09 18/10/2000 0 . 0 . 3
SP-10 21/12/2000 1 . 0 . 0 NP-000568
draft 08/02/2001 1 . 1 . 0
SP-11 10/04/2001 4 . 0 . 0
SP-12 27/06/2001 4 . 1 . 0
edito 01/10/2001 4 . 1 . 1
SP-14 09/01/2002 4 . 2 . 0
SP-15 28/03/2002 4 . 3 . 0
SP-16 28/06/2002 4 . 4 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

Rel-4 current version: 4.9.0
freeze_meeting: SP-11

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
edito 04/08/2000 4 . 0 . 1
edito 11/08/2000 4 . 0 . 2
NP-09 26/10/2000 4 . 1 . 0
NP-10 20/12/2000 4 . 2 . 0
edito 01/02/2001 4 . 2 . 1
NP-11 06/04/2001 4 . 3 . 0
NP-12 06/07/2001 4 . 4 . 0
edito 16/08/2001 4 . 4 . 1
NP-13 03/10/2001 4 . 5 . 0
NP-14 18/01/2002 4 . 6 . 0
NP-15 04/04/2002 4 . 7 . 0
NP-16 21/06/2002 4 . 8 . 0
NP-17 24/09/2002 4 . 9 . 0

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

TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

Rel-4 current version: 4.5.0
freeze_meeting: SP-11

WG (prime / other): N3 / - rapporteur: KLEHN, Norbert SIEMENS AG
G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,
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

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

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

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Server ACTIVE specs Rel-4 29 .- series
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	4.4.0	WG (prime / other):	N4	/-	rapporteur:	KYMALAINEN, Kimmo	
Rel-4	current version: Procedures and the Mobile Application Part (MAP)		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo	
	SONERA Corporation							
	freeze_meeting: SP-11							
	history (event, available, version,							
	NP-11 30/03/2001	4 . 0 . 0			get it	remarks - general:	Transfer>TSG#4 (transfer??)	
	NP-12 06/07/2001	4 . 1 . 0			get it	remarks - this release:		
	NP-14 11/01/2002	4 . 2 . 0			get it			
	NP-16 21/06/2002	4 . 3 . 0			get it			
	NP-17 18/09/2002	4 . 4 . 0			get it			

TS 29.011	Signalling Interworking for Supplementary Services	4.0.1	WG (prime / other):	N4	/-	rapporteur:	WIEHE, Ulrich	SIEMENS AG
Rel-4	current version:		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo	
	freeze_meeting: SP-11							
	history (event, available, version,							
	NP-11 04/04/2001	4 . 0 . 0			get it	remarks - general:		
	correct references 25/06/2002	4 . 0 . 1			get it	remarks - this release:		

TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols	4.0.1	WG (prime / other):	N4	/-	rapporteur:	WIEHE, Ulrich	SIEMENS AG
Rel-4	current version:		G: yes	U: yes		MCC:	KYMALAINEN, Kimmo	
	freeze_meeting: SP-11							
	history (event, available, version,							
	NP-11 04/04/2001	4 . 0 . 0			get it	remarks - general:	Transfer>TSG#4	
	update references 24/06/2002	4 . 0 . 1			get it	remarks - this release:		

TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification	4.1.0	WG (prime / other):	N1	/-	rapporteur:	MILLS, Duncan	VODAFONE Group Plc
Rel-4	current version:		G: yes	U: yes		MCC:	JORGENSEN, Per Johan	
	freeze_meeting: SP-11							
	history (event, available, version,							
	NP-11 06/04/2001	4 . 0 . 0			get it	remarks - general:		
	NP-16 26/06/2002	4 . 1 . 0			get it	remarks - this release:		

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

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Server ACTIVE specs Rel-4 29 .- series
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TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
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,</i>				
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-13 03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-14 04/01/2002	4 . 2 . 0	get it		
	NP-15 19/03/2002	4 . 3 . 0	get it		
	NP-16 26/06/2002	4 . 4 . 0	get it		
<hr/>					
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-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		
<hr/>					
TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)				
Rel-4	<i>current version:</i> 4.5.0	<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,</i>				
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the
	NP-12 28/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	Public Land Mobile Network (PLMN) supporting GPRS and Packet".
	NP-13 12/10/2001	4 . 2 . 0	get it		
	NP-14 14/01/2002	4 . 3 . 0	get it		
	NP-15 20/03/2002	4 . 4 . 0	get it		
	NP-16 02/07/2002	4 . 5 . 0	get it		

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

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	MCC: JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-11 29/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	NP-12 03/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3		
	NP-13 03/10/2001 4 . 2 . 0	get it			
	NP-14 04/01/2002 4 . 3 . 0	get it			
	NP-15 19/03/2002 4 . 4 . 0	get it			
	NP-16 17/06/2002 4 . 5 . 0	get it			
	NP-17 17/09/2002 4 . 6 . 0	get it			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: KRAUSE, Joern		
	<i>history (event, available, version,</i>				
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)		
	RP-13 12/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>		
	RP-16 28/06/2002 4 . 2 . 0	get it			

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5		
			<i>remarks - this release:</i>		

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-09 25/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5		
			<i>remarks - this release:</i>		

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

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

Rel-4 *current version:* 4.3.1 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan / Telefon AB LM Ericsson
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it
NP-14	08/01/2002	4	.	3	.	0	get it
edito	20/03/2002	4	.	3	.	1	get it

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan / Telefon AB LM Ericsson
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0	get it <i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0	get it
NP-14	08/01/2002	4	.	3	.	0	get it
NP-15	20/03/2002	4	.	4	.	0	get it

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy / Lucent Technologies Network Systems UK
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

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

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Server ACTIVE specs Rel-4 29 .- series
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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,

NP-11		1	.	0	.	0			<i>remarks - general:</i>
edito	27/03/2001	1	.	0	.	1		get it	<i>remarks - this release:</i>
NP-12		2	.	0	.	0			
NP-12	29/06/2001	4	.	0	.	0		get it	
NP-13	12/10/2001	4	.	1	.	0		get it	
NP-14	08/01/2002	4	.	2	.	0		get it	
NP-15	20/03/2002	4	.	3	.	0		get it	
NP-16	05/07/2002	4	.	4	.	0		get it	
NP-17	01/10/2002	4	.	5	.	0		get it	

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* ZOICAS, Adrian
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0		get it	<i>remarks - this release:</i>
NP-13	08/10/2001	4	.	2	.	0		get it	
NP-14	08/01/2002	4	.	3	.	0		get it	
NP-15	20/03/2002	4	.	4	.	0		get it	
NP-17	01/10/2002	4	.	5	.	0		get it	

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* TWEEDIE, David NORTEL NETWORKS (EUROPE)
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

NP-11	27/03/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
NP-12	29/06/2001	4	.	1	.	0		get it	<i>remarks - this release:</i>
IDL file corrected	12/07/2001	4	.	1	.	1		get it	
NP-13	08/10/2001	4	.	2	.	0		get it	
edito	12/10/2001	4	.	2	.	1		get it	
NP-14	08/01/2002	4	.	3	.	0		get it	
NP-15	20/03/2002	4	.	4	.	0		get it	

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

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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,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)

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,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-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,
NP-11 1 . 0 . 0 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 29/06/2001 4 . 0 . 0 [get it](#)
NP-13 08/10/2001 4 . 1 . 0 [get it](#)
NP-14 08/01/2002 4 . 2 . 0 [get it](#)
NP-15 20/03/2002 4 . 3 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 29 .- series
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TS 29.198-12 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,

NP-11		1	.	0	.	0		<i>remarks - general:</i>
edito	27/03/2001	1	.	0	.	1		<i>remarks - this release:</i>
NP-12		2	.	0	.	0		
NP-12	29/06/2001	4	.	0	.	0		get it
NP-13	08/10/2001	4	.	1	.	0		get it
NP-14	08/01/2002	4	.	2	.	0		get it
NP-15	20/03/2002	4	.	3	.	0		get it

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-11	02/04/2001	4	.	0	.	0		<i>remarks - general:</i>
edito	09/05/2001	4	.	0	.	1		<i>remarks - this release:</i>
NP-13	03/10/2001	4	.	1	.	0		get it
correct references	25/06/2002	4	.	1	.	1		get it
NP-17	18/09/2002	4	.	2	.	0		get it

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* N4 / *rapporteur:* HEIDERMARK, Alf Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-11	30/03/2001	4	.	0	.	0		<i>remarks - general:</i>
NP-12	04/07/2001	4	.	1	.	0		<i>remarks - this release:</i>
NP-13	03/10/2001	4	.	2	.	0		get it

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

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TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3								
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PARK, Ian David	VODAFONE LTD			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-10 12/01/2001	1 . 0 . 0		get it	<i>remarks - general:</i>	Additional rapporteur: Laura.Pomponi@CSELT.IT			
	NP-11 30/03/2001	4 . 0 . 0		get it	<i>remarks - this release:</i>				
	NP-12 04/07/2001	4 . 1 . 0		get it					
	NP-13 05/10/2001	4 . 2 . 0		get it					
	NP-14 11/01/2002	4 . 3 . 0		get it					
	NP-15 28/03/2002	4 . 4 . 0		get it					
	NP-16 21/06/2002	4 . 5 . 0		get it					
	NP-17 18/09/2002	4 . 6 . 0		get it					
<hr/>									
TS 29.414	Core network Nb data transport and transport signalling								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BELLING, Thomas	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	MCC:	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-12 28/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-13 03/10/2001	4 . 2 . 0		get it					
	NP-14 11/01/2002	4 . 3 . 0		get it					
	NP-15 20/03/2002	4 . 4 . 0		get it					
<hr/>									
TS 29.415	Core network Nb interface user plane protocols								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	SANDERS, David	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	MCC:	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-13 03/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 11/01/2002	4 . 2 . 0		get it					
<hr/>									
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>	G: yes	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</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> 4.0.0		<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S				
	<i>freeze_meeting:</i>			Peter Skov						
			G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</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					
					<i>remarks - this release:</i> . latest Release version.					
<hr/>										
TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping									
Rel-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			ZOICAS, Adrian						
	<i>history (event, available, version,</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	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			ZOICAS, Adrian						
	<i>history (event, available, version,</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	NP-11 02/04/2001 4 . 0 . 0									
	NP-12 29/06/2001 4 . 1 . 0			get it	<i>remarks - general:</i>					
	NP-13 05/10/2001 4 . 2 . 0			get it	<i>remarks - this release:</i>					
				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			ZOICAS, Adrian						
	<i>history (event, available, version,</i>		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	NP-11 02/04/2001 4 . 0 . 0									
				get it	<i>remarks - general:</i>					
					<i>remarks - this release:</i>					

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 26/03/2001 1 . 0 . 0 [get it](#) *remarks - general:*
edito 02/04/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 2 . 0 . 0
NP-12 29/06/2001 4 . 0 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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 SIEMENS AG
freeze_meeting: NP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TR no. corrected 02/02/2001 4 . 0 . 1 [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. postNP-16: No Rel-5 needed.

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Server ACTIVE specs Rel-4 30 .- series
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
freeze_meeting: SP-11
history (event, available, version,
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

WG (prime / other): R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[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
freeze_meeting: TP-21
history (event, available, version,

WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
G: yes *U:* yes *MCC:* DIETZE, Claus

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

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
remarks - this release:

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Server ACTIVE specs Rel-4 31 .- series
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TS 31.102	Characteristics of the USIM Application							
Rel-4	<i>current version:</i> 4.6.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian			GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>			<i>U: yes</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			
TS 31.110	Numbering system for telecommunication IC card applications							
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian			SchlumbergerSema - Schlumberger Systèmes S.A
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>			<i>U: yes</i>				
	TP-11 16/05/2001	4 . 0 . 0	late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only		get it	<i>remarks - general:</i>	Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May	
						<i>remarks - this release:</i>	2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.	
	TP-14 16/01/2002	4 . 1 . 0			get it			
TS 31.111	USIM Application Toolkit (USAT)							
Rel-4	<i>current version:</i> 4.8.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11			<i>G: yes</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>			<i>U: yes</i>				
	TP-09 18/10/2000	4 . 0 . 0			get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.	
	TP-10 05/01/2001	4 . 1 . 0			get it	<i>remarks - this release:</i>		
	TP-11 09/04/2001	4 . 2 . 0			get it			
	edito 10/04/2001	4 . 2 . 1			get it			
	TP-12 06/07/2001	4 . 3 . 0			get it			
	TP-13 12/10/2001	4 . 4 . 0			get it			
	TP-14 16/01/2002	4 . 5 . 0			get it			
	TP-15 28/03/2002	4 . 6 . 0			get it			
	TP-16 28/06/2002	4 . 7 . 0			get it			
	TP-17 18/09/2002	4 . 8 . 0			get it			

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Server ACTIVE specs Rel-4 31 .- series
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TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* MAESER, Torsten ORGA Kartensysteme GmbH
freeze_meeting: SP-11 G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,

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:* 4.2.0 *WG (prime / other):* T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
freeze_meeting: SP-12 G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-12 06/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 2)
TP-16 19/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-17 18/09/2002 4 . 2 . 0 [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,

remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was
remarks - this release: split into two parts

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 *current version:* 4.2.1 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-11 G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 11/04/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-12 03/07/2001 4 . 1 . 0 [get it](#)
SP-13 05/10/2001 4 . 2 . 0 [get it](#)
edito 26/03/2002 4 . 2 . 1 [get it](#)

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

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TS 32.102	Telecommunication management; Architecture					
Rel-4	current version: 4.2.0	WG (prime / other): S5 / -	rapporteur: BERGGREN, Tommy	Telia Mobile AB		
	freeze_meeting: SP-11	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-11 28/03/2001 4 . 0 . 0	get it	remarks - general:			
	SP-12 03/07/2001 4 . 1 . 0	get it	remarks - this release:			
	SP-13 05/10/2001 4 . 2 . 0	get it				
<hr/>						
TS 32.111-1	Telecommunication management; Fault Management; Part 1: 3G fault management requirements					
Rel-4	current version: 4.0.0	WG (prime / other): S5 / -	rapporteur: SCHMIDT, Joerg	Motorola Inc.		
	freeze_meeting: SP-12	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 03/07/2001 4 . 0 . 0	get it	remarks - general: TSG#8: split into 4 parts			
			remarks - this release:			
<hr/>						
TS 32.111-2	Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service					
Rel-4	current version: 4.4.0	WG (prime / other): S5 / -	rapporteur: SCHMIDT, Joerg	Motorola Inc.		
	freeze_meeting: SP-12	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 04/07/2001 4 . 0 . 0	get it	remarks - general: TSG#8: split into 4 parts			
	SP-13 05/10/2001 4 . 1 . 0	get it	remarks - this release:			
	SP-14 11/01/2002 4 . 2 . 0	get it				
	SP-15 26/03/2002 4 . 3 . 0	get it				
	SP-17 18/09/2002 4 . 4 . 0	get it				
<hr/>						
TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1					
Rel-4	current version: 4.4.0	WG (prime / other): S5 / -	rapporteur: TSE, Edw in	Ericsson Incorporated		
	freeze_meeting: SP-12	G: U: yes	MCC: ZOICAS, Adrian			
	history (event, available, version,					
	SP-12 04/07/2001 4 . 0 . 0	get it	remarks - general: TSG#8: split into 4 parts			
	SP-13 05/10/2001 4 . 1 . 0	get it	remarks - this release:			
	SP-15 26/03/2002 4 . 2 . 0	get it				
	SP-16 20/06/2002 4 . 3 . 0	get it				
	SP-17 20/09/2002 4 . 4 . 0	get it				

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set						
Rel-4	<i>current version:</i> 4.3.0	<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,</i>						
	SP-13 05/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts				
	SP-14 11/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	SP-15 26/03/2002 4 . 2 . 0	get it					
	SP-16 20/06/2002 4 . 3 . 0	get it					
<hr/>							
TS 32.200	Telecommunication management; Charging management; Charging principles						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-14	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</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> 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					
<hr/>							
TS 32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain						
Rel-4	<i>current version:</i> 4.2.0	<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,</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					

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TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.			
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</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				
<hr/>							
TS 32.235	Telecommunication management; Charging management; Charging data description for application services						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG			
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						
	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				
<hr/>							
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						
	SP-12 18/06/2001 2 . 0 . 0	SP-010283	get it	<i>remarks - general:</i>	Replaces 32.106-8 (pars)		
	SP-12 03/07/2001 4 . 0 . 0		get it	<i>remarks - this release:</i>			
	SP-14 11/01/2002 4 . 1 . 0		get it				
<hr/>							
TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): 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,</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				

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TS 32.302 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-2
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

TS 32.303 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1
Rel-4 *current version:* 4.3.1 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-3
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 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](#)

TS 32.304 Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set Version 1:1
Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.301-4
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 26/03/2002 4 . 2 . 0 [get it](#)

TS 32.311 Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.112-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
edito 12/07/2001 4 . 0 . 1 [get it](#)

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

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TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service								
Rel-4	<i>current version:</i> 4.0.0		<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,</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> .				
<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,</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	SP-010467	get it					
	SP-13 05/10/2001	4 . 0 . 0		get it					
	SP-14 11/01/2002	4 . 1 . 0		get it					
	SP-17 18/09/2002	4 . 2 . 0		get it					
<hr/>									
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,</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,</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> .				

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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,</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,</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						
<hr/>									
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	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-3				
	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 Configuration Management Integration Reference Point (IRP) 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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.601-4				
	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						

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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	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1		
	SP-12 03/07/2001 4 . 0 . 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-4	<i>current version:</i> 4.3.0	<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,</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			
<hr/>					
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution				
Rel-4	<i>current version:</i> 4.3.0	<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,</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			
<hr/>					
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> 4.2.0	<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,</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			

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TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)

TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.3.0 *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,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)
SP-16 28/06/2002 4 . 3 . 0 [get it](#)

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,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-3
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-14 11/01/2002 4 . 2 . 0 [get it](#)

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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:</i> yes <i>U:</i> yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0
SP-12 04/07/2001	4 . 0 . 0
SP-13 05/10/2001	4 . 1 . 0
SP-14 11/01/2002	4 . 2 . 0
SP-15 27/03/2002	4 . 3 . 0
SP-16 28/06/2002	4 . 4 . 0
	get it <i>remarks - general:</i> was 32.620-4
	get it <i>remarks - this release:</i> .
	get it
	get it
	get it
	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:</i> <i>U:</i> yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0
SP-12 03/07/2001	4 . 0 . 0
	get it <i>remarks - general:</i> was 32.621-1
	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:</i> yes <i>U:</i> yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0
SP-12 03/07/2001	4 . 0 . 0
SP-14 11/01/2002	4 . 1 . 0
SP-16 28/06/2002	4 . 2 . 0
	get it <i>remarks - general:</i> was 32.621-2
	get it <i>remarks - this release:</i> .
	get it
	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:</i> yes <i>U:</i> yes
	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	
SP-12 21/06/2001	2 . 0 . 0
SP-12 03/07/2001	4 . 0 . 0
SP-16 28/06/2002	4 . 1 . 0
	get it <i>remarks - general:</i> was 32.621-3
	get it <i>remarks - this release:</i> .
	get it

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TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set
Rel-4	<i>current version:</i> 4.1.1
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 03/07/2001 4 . 0 . 0
	SP-13 05/10/2001 4 . 1 . 0
	edito after SP-17 18/09/2002 4 . 1 . 1
	get it <i>remarks - general:</i> was 32.621-4
	get it <i>remarks - this release:</i> .
	get it
	get it

TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements
Rel-4	<i>current version:</i> 4.0.0
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 03/07/2001 4 . 0 . 0
	get it <i>remarks - general:</i> was 32.622-1
	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	<i>current version:</i> 4.2.0
	<i>freeze_meeting:</i> SP-12
	<i>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 03/07/2001 4 . 0 . 0
	SP-16 28/06/2002 4 . 1 . 0
	SP-17 27/09/2002 4 . 2 . 0
	get it <i>remarks - general:</i> was 32.622-2
	get it <i>remarks - this release:</i> .
	get it
	get it

TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN 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>history (event, available, version,</i>
	SP-12 21/06/2001 2 . 0 . 0
	SP-12 03/07/2001 4 . 0 . 0
	SP-14 11/01/2002 4 . 1 . 0
	get it <i>remarks - general:</i> was 32.622-3
	get it <i>remarks - this release:</i> .
	get it

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
edito post SP-17 18/09/2002 4 . 1 . 1 [get it](#)

TS 32.651 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

TS 32.652 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-14 11/01/2002 4 . 2 . 0 [get it](#)
SP-16 28/06/2002 4 . 3 . 0 [get it](#)
SP-17 27/09/2002 4 . 4 . 0 [get it](#)

TS 32.653 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-3
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

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

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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,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 31/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 17/01/2001 0 . 0 . 3 [get it](#) *remarks - this release:* .
SP-12 18/06/2001 1 . 0 . 0 [get it](#) SP-010233 (!)
SP-12 03/07/2001 4 . 0 . 0 [get it](#) SP-010233 (for approval!)

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc SIEMENS ATEA NV
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 03/10/2001 4 . 2 . 0 [get it](#)
SP-14 07/01/2002 4 . 3 . 0 [get it](#)
SP-16 19/06/2002 4 . 4 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.103	3G security; Integration guidelines					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLANCHARD, Colin	BT Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
	SP-13 03/10/2001 4 . 2 . 0	get it				
TS 33.105	Cryptographic Algorithm requirements					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
TS 33.106	Lawful interception requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 03/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-14 07/01/2002 4 . 2 . 0	get it				
	SP-15 26/03/2002 4 . 3 . 0	get it				
TS 33.120	Security Objectives and Principles					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			

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

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Server ACTIVE specs Rel-4 33 .- series
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	Hutchison 3G UK Limited		
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</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>		
	SA-12 04/07/2001	4 . 0 . 0	get it			
	SP-13 03/10/2001	4 . 1 . 0	get it			
	SP-14 07/01/2002	4 . 2 . 0	get it			
	SP-15 26/03/2002	4 . 3 . 0	get it			
		SP-010322, ed notes in SP-010347				
<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,</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,</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>	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 03/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049		
				<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.		

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

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Server ACTIVE specs Rel-4 33 .- series
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,
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:* 4.4.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.
freeze_meeting: SP-13 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-13 08/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
edito post TP-15 26/03/2002 4 . 2 . 1 [get it](#)
TP-16 17/06/2002 4 . 3 . 0 [get it](#)
TP-17 11/09/2002 4 . 4 . 0 [get it](#)

TS 34.109 Terminal logical test interface; Special conformance testing functions
Rel-4 *current version:* 4.3.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:* TSG#9: Stable, so txfered from T1 to R2.
RP-15 19/03/2002 4 . 2 . 0 [get it](#)
RP-16 17/06/2002 4 . 3 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation
freeze_meeting: SP-13 G: U: yes *MCC:* SALMERON, Lidia
history (event, available, version,

remarks - general:
remarks - this release:

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

Rel-4 *current version:* 4.5.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 G: U: yes *MCC:* SALMERON, Lidia
history (event, available, version,

TP-12 03/07/2001 4 . 0 . 0
TP-13 03/10/2001 4 . 1 . 0
TP-14 09/01/2002 4 . 2 . 0
TP-15 21/03/2002 4 . 3 . 0
TP-16 17/06/2002 4 . 4 . 0
TP-17 05/09/2002 4 . 5 . 0

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

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-13 G: U: yes *MCC:* SALMERON, Lidia
history (event, available, version,

TP-13 03/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 20/03/2002 4 . 2 . 0
TP-16 19/06/2002 4 . 3 . 0

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

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 G: U: yes *MCC:* SALMERON, Lidia
history (event, available, version,

TP-13 04/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 21/03/2002 4 . 2 . 0
TP-16 19/06/2002 4 . 3 . 0

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

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Server ACTIVE specs Rel-4 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,

remarks - general:
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-11 10/04/2001 4 . 0 . 0

[get it](#) *remarks - general:* T1->R4@TSG#10
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,
TP-05 13/10/1999 0 . 0 . 1
TP-10 09/01/2001 1 . 0 . 0

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

TR 34.926 Table of international EMC requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
TP-09 06/10/2000 1 . 0 . 0
RP-10 09/01/2001 4 . 0 . 0

[get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
[get it](#) *remarks - this release:*

Rel-4 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

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Server ACTIVE specs Rel-4 35 .- series
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	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</i>							
	SP-11 28/08/2001	4	.	0	.	0		
	SP-14 07/01/2002	4	.	1	.	0		
		get it		<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence			
		get it		<i>remarks - this release:</i>				
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	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</i>							
	SP-11 28/08/2001	4	.	0	.	0		
		get it		<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence			
				<i>remarks - this release:</i>				
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	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</i>							
	SP-11 28/08/2001	4	.	0	.	0		
		get it		<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence			
				<i>remarks - this release:</i>				
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	WG (prime / other):	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	POPE, Maurice			
	<i>history (event, available, version,</i>							
	SP-11 28/08/2001	4	.	0	.	0		
		get it		<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence			
				<i>remarks - this release:</i>				
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;							
Rel-4	<i>current version:</i> Document 1: General	4.0.0	WG (prime / other):	S3	/-	<i>rapporteur:</i>	WALKER, Michael	
VODAFONE Group Plc			G:	U: yes	<i>MCC:</i>	POPE, Maurice		
	<i>freeze_meeting:</i> SP-11							
	<i>history (event, available, version,</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 acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	<i>current version: Document 2: Algorithm specification</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</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*;								
Rel-4	<i>current version: Document 3: Implementors' test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</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*;								
Rel-4	<i>current version: Document 4: Design conformance test data</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</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*;								
Rel-4	<i>current version: Document 5: Summary and results of design and evaluation</i>	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</i>								
	SP-11 09/05/2001 4 . 0 . 0								
				get it	<i>remarks - general:</i>	ex SAGE			
					<i>remarks - this release:</i>	TSG#11:Formerly 35.209 Rel-99 (but never made available)			

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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

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Server ACTIVE specs Rel-4 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
TR 41.033	Lawful Interception requirements for GSM					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 4 . 0 . 0		<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
TS 41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
TS 41.102	GSM Release 4 specifications					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</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 25/06/2002 4 . 5 . 1	get it				
	editorial					
	SP-17 18/09/2002 4 . 6 . 0	get it				

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Server ACTIVE specs Rel-4 41 .- series
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 freeze_meeting: SP-11	WG (prime / other): S3 / S1 / NP	rapporteur: CHRISTOFFERSSON, Per	Telia Promotor AB					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		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 freeze_meeting: SP-11	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD					
	history (event, available, version, TP-11 09/04/2001 4 . 0 . 0	G: yes U:	MCC: DIETZE, Claus						
		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 freeze_meeting: SP-11	WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A					
	history (event, available, version, TP-12 06/07/2001 4 . 0 . 0	G: yes U:	MCC: DIETZE, Claus						
		get it	remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240. remarks - this release: .						
TS 42.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
Rel-4	current version: 4.0.0 freeze_meeting: SP-11	WG (prime / other): S3 /	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	history (event, available, version, SP-11 10/04/2001 4 . 0 . 0	G: yes U:	MCC: POPE, Maurice						
		get it	remarks - general: remarks - this release:						

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.033	Lawful Interception; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Was 22.043 at Rel99.			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 42.068	Voice Group Call Service (VGCS); Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-08 23/06/2000 4 . 0 . 0 32,304	get it	<i>remarks - general:</i>			
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-10 08/01/2001 4 . 1 . 0	get it				
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-08 23/06/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	SP-10 08/01/2001 4 . 1 . 0	get it				

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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,</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,</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,</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,</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

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TS 43.020 Security-related network functions

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11

WG (prime / other): S3 / NP / *rapporteur:* GILBERT, Henri France Telecom
GP

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

history (event, available, version,
SP-09 04/11/2000 4 . 0 . 0

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

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 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0
edito 24/10/2000 4 . 0 . 1
GP-02 24/11/2000 4 . 1 . 0
edito 30/11/2000 4 . 1 . 1
GP-03 15/02/2001 4 . 2 . 0
GP-05 05/10/2001 4 . 3 . 0
GP-10 19/07/2002 4 . 4 . 0
GP-11 19/09/2002 4 . 5 . 0

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

TR 43.026 Multiband operation of GSM / DCS 1800 by a single operator

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

WG (prime / other): G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes *U:* *MCC:* Peter Skov
USAI, Paolino

history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0
re-issue as TR 31/07/2002 4 . 0 . 1
(not TS) as per
03.26

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

TR 43.030 Radio network planning aspects

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* TEGTH, Ulf TELIA AB
G: yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0
some refs revert 24/10/2000 4 . 0 . 1
to pre-Rel-4 GSM
format

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

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Server ACTIVE specs Rel-4 43 .- series
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> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 43.033	Lawful Interception; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> NP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis		ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			

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http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.055 Dual Transfer Mode (DTM); Stage 2
Rel-4 *current version: 4.1.0* WG (prime / other): G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: SP-11 G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

TR 43.058 Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)
Rel-4 *current version: 4.0.0* WG (prime / other): S4 / - *rapporteur:* MONFORT, Jean-Yves France Telecom
freeze_meeting: SP-11 G: yes U: MCC: USAI, Paolino

history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN
Rel-4 *current version: 4.5.0* WG (prime / other): G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
freeze_meeting: SP-11 G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-02 05/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*
draft 02/02/2001 1 . 0 . 2 [get it](#) *remarks - this release:*
GP-04 09/05/2001 4 . 0 . 0 [get it](#)
GP-05 29/06/2001 4 . 1 . 0 [get it](#)
GP-06 01/10/2001 4 . 2 . 0 [get it](#)
GP-07 04/01/2002 4 . 3 . 0 [get it](#)
GP-08 19/02/2002 4 . 4 . 0 [get it](#)
GP-10 19/07/2002 4 . 5 . 0 [get it](#)

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,
GP-03 15/02/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-04 20/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 04/01/2002 4 . 2 . 0 [get it](#)
GP-08 19/02/2002 4 . 3 . 0 [get it](#)

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

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

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11
history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
NP-10	02/01/2001	4	.	2	.	0
edito	17/06/2002	4	.	2	.	1
edito	28/06/2002	4	.	2	.	2

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11
history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
NP-09	12/10/2000	4	.	1	.	0
edito	28/06/2002	4	.	1	.	1
NP-10	03/01/2001	4	.	2	.	0
edito	06/06/2002	4	.	2	.	1
Note 1 to 9 and Note 2 to 10 in fig. 4	27/06/2002	4	.	2	.	2

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

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,

SP-16	24/06/2002	4	.	0	.	0
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 = 23.073 v4.0.0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
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

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Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.001	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles					
Rel-4	current version: 4.1.0 freeze_meeting: SP-11	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 NP-16 20/06/2002 4 . 1 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		get it remarks - general: get it remarks - this release:	
<hr/>						
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		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		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		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-06 14/09/2001 4 . 1 . 0 GP-07 08/01/2002 4 . 2 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: get it	
<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		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		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		
	history (event, available, version, GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release:	

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

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Server ACTIVE specs Rel-4 44 .- series
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TS 44.012	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04		Peter Skov						
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	GP-04 04/05/2001 4 . 0 . 0								
		get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)						
			<i>remarks - this release:</i> TSG#11: Replaces 24.012 for Rel-4 on.						
<hr/>									
TS 44.013	Performance Requirements on Mobile Radio Interface								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001 4 . 0 . 0								
	NP-16 20/06/2002 4 . 1 . 0								
		get it	<i>remarks - general:</i>						
		get it	<i>remarks - this release:</i>						
<hr/>									
TS 44.014	Individual equipment type requirements and interworking; Special conformance testing functions								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001 4 . 0 . 0								
	GP-05 18/06/2001 4 . 1 . 0								
	GP-10 19/07/2002 4 . 2 . 0								
		get it	<i>remarks - general:</i>						
		get it	<i>remarks - this release:</i>						
		get it							

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Server ACTIVE specs Rel-4 44 .- series
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TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

Rel-4 current version: 4.11.0

freeze_meeting: GP-04

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

MOTOROLA Ltd

history (event, available, version,

04.18 to 3G	10/08/2000	4	.	0	.	0
GP-01	11/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
GP-02	21/12/2000	4	.	2	.	0
GP-03	31/01/2001	4	.	3	.	0
GP-04	04/05/2001	4	.	4	.	0
GP-05	18/06/2001	4	.	5	.	0
GP-06	10/09/2001	4	.	6	.	0
GP-07	08/01/2002	4	.	7	.	0
GP-08	19/02/2002	4	.	8	.	0
GP-09	02/05/2002	4	.	9	.	0
edito post GP-09	28/05/2002	4	.	9	.	1
GP-10	19/07/2002	4	.	10	.	0
GP-11	16/09/2002	4	.	11	.	0

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remarks - general:

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remarks - this release: #32:9.0.0 MCC-converted Aug00:

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

Rel-4 current version: 4.1.0

freeze_meeting: SP-11

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha
G: yes U: MCC: BOSWARTHICK, David

NOKIA Corporation

history (event, available, version,

NP-10	21/12/2000	4	.	0	.	0
NP-17	19/09/2002	4	.	1	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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

Rel-4 current version: 4.6.0

freeze_meeting: GP-04

WG (prime / other): G2 / - rapporteur: GARAPATY, Sonia
G: yes U: MCC: THOMASEN, Gert

Nortel Networks (USA)

history (event, available, version,

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

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remarks - general:

[get it](#)

remarks - this release:

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

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Server ACTIVE specs Rel-4 44 .- series
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-4	<i>current version:</i> 4.1.0
	<i>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 / -
	<i>rapporteur:</i> GARAPATY, Sonia
	<i>MCC:</i> THOMASEN, Gert
	<i>G: yes U:</i>
	<i>remarks - general:</i>
	<i>remarks - this release:</i>
<i>history (event, available, version,</i>	
GP-04	04/05/2001 4 . 0 . 0
GP-07	08/01/2002 4 . 1 . 0
	get it
	get it

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>freeze_meeting:</i> SP-11
	<i>WG (prime / other):</i> N1 / -
	<i>rapporteur:</i> HUPPERICH, Peter
	<i>MCC:</i> JORGENSEN, Per Johan
	<i>G: yes U:</i>
	<i>remarks - general:</i>
	<i>remarks - this release:</i>
<i>history (event, available, version,</i>	
NP-11	11/04/2001 4 . 0 . 0
	get it

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>freeze_meeting:</i> SP-11
	<i>WG (prime / other):</i> N1 / -
	<i>rapporteur:</i> HUPPERICH, Peter
	<i>MCC:</i> JORGENSEN, Per Johan
	<i>G: yes U:</i>
	<i>remarks - general:</i>
	<i>remarks - this release:</i>
<i>history (event, available, version,</i>	
NP-11	11/04/2001 4 . 0 . 0
	get it

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> 4.8.0
	<i>freeze_meeting:</i> GP-04
	<i>WG (prime / other):</i> G2 /
	<i>rapporteur:</i> BLACK, Jyoti
	<i>MCC:</i> THOMASEN, Gert
	<i>G: yes U:</i>
	<i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	<i>remarks - this release:</i> (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
<i>history (event, available, version,</i>	
GP-03	31/01/2001 4 . 0 . 0
GP-04	04/05/2001 4 . 1 . 0
GP-05	18/06/2001 4 . 2 . 0
GP-06	14/09/2001 4 . 3 . 0
GP-07	09/01/2002 4 . 4 . 0
GP-08	19/02/2002 4 . 5 . 0
GP-09	03/05/2002 4 . 6 . 0
edito post GP-09	28/05/2002 4 . 6 . 1
GP-10	19/07/2002 4 . 7 . 0
GP-11	16/09/2002 4 . 8 . 0
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-12 29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-14 04/01/2002	4 . 2 . 0	get it		
	NP-15 19/03/2002	4 . 3 . 0	get it		

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCCP)				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-10 02/01/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-13 02/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-15 19/03/2002	4 . 2 . 0	get it		

TS 44.068	Group Call Control (GCC) Protocol				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	conversion to 06/09/2000	4 . 0 . 0	get it	<i>remarks - general:</i>	
	3GPP format			<i>remarks - this release:</i>	
	NP-09 12/10/2000	4 . 1 . 0	get it		
	edito 24/10/2000	4 . 1 . 1	get it		
	NP-12 29/06/2001	4 . 2 . 0	get it		
	NP-16 19/06/2002	4 . 3 . 0	get it		

TS 44.069	Broadcast Call Control (BCC) protocol				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</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		

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

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Server ACTIVE specs Rel-4 44 .- series
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TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

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

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,
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:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-02 24/11/2000 4 . 1 . 0 [get it](#)
edito 30/11/2000 4 . 1 . 1 [get it](#)
GP-03 15/01/2001 4 . 2 . 0 [get it](#)
edito 27/02/2001 4 . 2 . 1 [get it](#)
GP-04 20/04/2001 4 . 3 . 0 [get it](#)
GP-06 01/10/2001 4 . 4 . 0 [get it](#)
GP-07 04/01/2002 4 . 5 . 0 [get it](#)

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

GP-03 06/02/2001 4 . 0 . 0
GP-07 04/01/2002 4 . 1 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

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

TS 45.004 Modulation

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,

GP-04 18/06/2001 4 . 0 . 0
GP-05 29/06/2001 4 . 1 . 0
GP-07 04/01/2002 4 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

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

TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.9.0
freeze_meeting: SP-11
history (event, available, version,

GP-01 10/10/2000 4 . 0 . 0
edito 24/10/2000 4 . 0 . 1
GP-02 24/11/2000 4 . 1 . 0
edito 30/11/2000 4 . 1 . 1
GP-03 15/02/2001 4 . 2 . 0
GP-04 20/04/2001 4 . 3 . 0
GP-05 29/06/2001 4 . 4 . 0
GP-06 01/10/2001 4 . 5 . 0
GP-07 04/01/2002 4 . 6 . 0
GP-09 06/05/2002 4 . 7 . 0
GP-10 19/07/2002 4 . 8 . 0
GP-11 19/09/2002 4 . 9 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

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[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 45 .- series
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TS 45.008 Radio subsystem link control

Rel-4 current version: 4.9.0

freeze_meeting: SP-11

history (event, available, version,

GP-01	01/09/2000	4	.	0	.	0
GP-02	24/11/2000	4	.	1	.	0
edito	30/11/2000	4	.	1	.	1
GP-03	15/02/2001	4	.	2	.	0
GP-04	20/04/2001	4	.	3	.	0
GP-05	29/06/2001	4	.	4	.	0
GP-06	01/10/2001	4	.	5	.	0
GP-07	04/01/2002	4	.	6	.	0
GP-08	18/02/2002	4	.	7	.	0
GP-09	06/05/2002	4	.	8	.	0
GP-10	19/07/2002	4	.	9	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) remarks - general:
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TS 45.009 Link adaptation

Rel-4 current version: 4.2.0

freeze_meeting: SP-11

history (event, available, version,

GP-02	06/02/2001	4	.	0	.	0
GP-06	01/10/2001	4	.	1	.	0
GP-07	04/01/2002	4	.	2	.	0

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: Peter Skov
USAI, Paolino

MOTOROLA A/S

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

TS 45.010 Radio subsystem synchronization

Rel-4 current version: 4.3.0

freeze_meeting: SP-11

history (event, available, version,

GP-04	20/04/2001	4	.	0	.	0
GP-07	04/01/2002	4	.	1	.	0
GP-08	19/02/2002	4	.	2	.	0
GP-10	19/07/2002	4	.	3	.	0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 45 .- series
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TR 45.022 Radio link management in hierarchical networks

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino

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

TR 45.050 Background for RF Requirements

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0
make figures 01/08/2001 4 . 0 . 1
legible

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
USAI, Paolino

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

TS 45.056 CTS-FP Radio Sub-system

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

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

Rel-4 **46** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.001 Full Rate Speech Processing Functions

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 10/10/2001 4 . 0 . 0

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

[get it](#) *remarks - general:*
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TS 46.002	Half Rate Speech Processing Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.006	Half-rate speech: ANSI-C code for GSM half-rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0 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 46.011 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 46.012 Comfort Noise Aspects for Full Rate Speech Traffic Channels
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 46.020 Half Rate Speech Transcoding
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 46.022 Comfort Noise Aspects for Half Rate Speech Traffic Channels
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino						Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.032	Voice Activity Detection (VAD)								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino						Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul						Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.051	GSM Enhanced full rate speech processing functions: General description								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari						NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
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TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TR 46.055	Performance characterisation of the GSM EFR Speech Codec				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 46.060	Enhanced full rate speech transcoding				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	fix invisible 10/01/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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 48.001 General Aspects on the BSS-MSC Interface

Rel-4 *current version:* 4.0.0 *freeze_meeting:* GP-04
WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.2.0 *freeze_meeting:* GP-04
WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-05 18/06/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0 Rel-5 CR undone. Effectively reverts
to 4.0.0
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Rel-4 *current version:* 4.0.0 *freeze_meeting:* GP-04
WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *freeze_meeting:* GP-04
WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs Rel-4 48 .- series
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TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
Rel-4	current version: 4.8.0 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,					
08.08 to 3G	11/08/2000	4 . 0 . 0	get it	remarks - general:	
GP-01	11/10/2000	4 . 1 . 0	get it	remarks - this release:	
edito	24/10/2000	4 . 1 . 1	get it		
GP-02	11/01/2001	4 . 2 . 0	get it		
GP-03	31/01/2001	4 . 3 . 0	get it		
GP-04	04/05/2001	4 . 4 . 0	get it		
GP-06	14/09/2001	4 . 5 . 0	get it		
GP-07	08/01/2002	4 . 6 . 0	get it		
GP-08	19/02/2002	4 . 7 . 0	get it		
GP-10	19/07/2002	4 . 8 . 0	get it		

TS 48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				
Rel-4	current version: 4.0.0 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,					
GP-04	04/05/2001	4 . 0 . 0	get it	remarks - general:	
				remarks - this release:	

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
Rel-4	current version: 4.2.0 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,					
GP-02	17/11/2000	4 . 0 . 0	get it	remarks - general:	
GP-04	04/05/2001	4 . 1 . 0	get it	remarks - this release:	
edito	07/06/2001	4 . 1 . 1	get it		
GP-06	14/09/2001	4 . 2 . 0	get it		

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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,</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,</i>					
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-17 19/09/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-05 18/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 48.051	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 08/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		

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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	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 edito 15/05/2001 4 . 0 . 1	get it <i>remarks - general:</i> get it <i>remarks - this release:</i>				
<hr/>						
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	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	get it <i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>						
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	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	get it <i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>						
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	
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	get it <i>remarks - general:</i> get it <i>remarks - this release:</i>				

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		G: yes U:	MCC: USAI, Paolino			
<i>history (event, available, version,</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>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		G: yes U:	MCC: USAI, Paolino			
<i>history (event, available, version,</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>		
editorial pody	20/03/2002	4 . 1 . 1	get it			
GP-08						

TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
<i>history (event, available, version,</i>						
GP-04	04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
GP-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 acces; U = required in systems with UMTS

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Server ACTIVE specs Rel-4 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios
Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
correct references 25/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface
Rel-4 *current version:* 4.0.1 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
freeze_meeting: SP-11 *G: yes U:* *MCC:* ROUZBEH, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)
Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
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,
GP-04 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
edito 01/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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Server ACTIVE specs Rel-4 50 .- series
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
freeze_meeting: SP-11

WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng ETSI Secretariat

NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,
conversion from 01/08/2000 4 . 0 . 1
11.10-1 v9.0.1
edito 24/10/2000 4 . 0 . 2
GP-02 01/12/2000 4 . 1 . 0
edito to correct 01/12/2000 4 . 1 . 1
Release
edito 17/01/2001 4 . 1 . 2
GP-03 22/01/2001 4 . 2 . 0
GP-04 11/04/2001 4 . 3 . 0
GP-05 05/06/2001 4 . 4 . 0
GP-06 31/08/2001 4 . 5 . 0
GP-07 09/01/2002 4 . 6 . 0
GP-08 26/02/2002 4 . 7 . 0
GP-09 03/05/2002 4 . 8 . 0
GP-10 19/07/2002 4 . 9 . 0
GP-11 20/09/2002 4 . 10 . 0

[get it](#)

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

remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 current version: 4.7.0 WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
GP-05	05/06/2001	4	.	1	.	0
GP-06	31/08/2001	4	.	2	.	0
GP-07	09/01/2002	4	.	3	.	0
GP-07 minor	18/01/2002	4	.	3	.	1
editorial						
GP-08	26/02/2002	4	.	4	.	0
GP-09	29/04/2002	4	.	5	.	0
GP-10	03/07/2002	4	.	6	.	0
GP-11	19/09/2002	4	.	7	.	0

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

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TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 current version: 4.7.0 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,

GERSAN-1	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

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

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	4	.	0	.	0	get it	<i>remarks - general:</i>	TP-14: talk of changing title to "Characteristics of the SIM application".
	TP-12 06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>	TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems
	TP-13 11/10/2001	4	.	2	.	0	get it		to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version
	TP-14 17/01/2002	4	.	3	.	0	get it		
	TP-16 25/06/2002	4	.	4	.	0	get it		
	TP-17 18/09/2002	4	.	5	.	0	get it		

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,</i>								
	TP-16 26/06/2002	1	.	0	.	0	get it	<i>remarks - general:</i>	
	TP-17 23/09/2002	2	.	0	.	0	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029.
									TP-020128 TP-020220. Doc has been created without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR.

TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	<i>current version:</i> 4.1.0			<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,</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>	.

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,</i>								
	post-TSG-14 23/01/2002	4	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.

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

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Server ACTIVE specs Rel-4 52 .- series
http://www.3gpp.org/ftp/Specs/archive/52_series

Rel-4 52 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-09 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-09 06/05/2002 4 . 0 . 0

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

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-13 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402
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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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 GSM Release 1999 Specifications

R99 *current version: 8.7.0*
freeze_meeting: SP-06
history (event, available, version,
 draft 01/08/1999 0 . 0 . 0
 draft 01/08/1999 0 . 0 . 1
 mods to draft 01/09/1999 0 . 0 . 2
 more mods 07/09/1999 0 . 0 . 3
 WOME crmts 15/09/1999 0 . 1 . 0
 included
 Becomes T2/smg4 21/09/1999 0 . 2 . 0
 responsibility
 draft 04/08/2000 0 . 3 . 0
 editorials 01/10/1999 0 . 3 . 0
 align w ith 21.101 07/10/1999 0 . 4 . 0
 smg-30 11/11/1999 1 . 0 . 0
 align with 21.101 30/11/1999 1 . 1 . 0 Alignment with 21.101: 1.1.0.
 smg-31 bis 2 . 0 . 0
 smg-32 20/06/2000 8 . 0 . 0
 SP-10 04/01/2001 8 . 1 . 0
 SP-12 05/07/2001 8 . 2 . 0
 SP-13 01/10/2001 8 . 3 . 0
 SP-14 03/01/2002 8 . 4 . 0
 SP-15 27/03/2002 8 . 5 . 0
 SP-16 19/06/2002 8 . 6 . 0
 SP-17 18/09/2002 8 . 7 . 0

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

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

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TR 01.04 Abbreviations and acronyms

R99 *current version: 8.0.0*
freeze_meeting: SP-06
history (event, available, version,
 upgrade to R99 10/05/2000 8 . 0 . 0

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

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

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

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Server ACTIVE specs R99 01 .- series
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,
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,
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,
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 *G: yes U:* *MCC:* POPE, Maurice Per
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 05/06/2001 8 . 0 . 1 [get it](#) *remarks - this release:* .

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD					
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: DIETZE, Claus						
	<i>history (event, available, version,</i>								
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A					
	<i>freeze_meeting:</i> SP-12	G: yes U:	MCC: DIETZE, Claus						
	<i>history (event, available, version,</i>								
	TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14	get it	<i>remarks - general:</i> SMG9->T3@#31						
			<i>remarks - this release:</i> Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!						
<hr/>									
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: POPE, Maurice						
	<i>history (event, available, version,</i>								
	Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i>						
	ETSI publication 05/06/2001 8 . 0 . 1	get it	<i>remarks - this release:</i> .						
<hr/>									
TS 02.33	Lawful Interception (LI); Stage 1								
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH					
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: POPE, Maurice						
	<i>history (event, available, version,</i>								
	Upgrade to R99 14/04/2000 8 . 0 . 0	get it	<i>remarks - general:</i>						
	ETSI publication 05/06/2001 8 . 0 . 1	get it	<i>remarks - this release:</i> .						
<hr/>									
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/05/2001 8 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version						

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.48 Security mechanisms for the SIM Application Toolkit; Stage 1

R99 *current version:* 8.0.0
freeze_meeting: SP-06

history (event, available, version,
Upgrade to R99 17/05/2000 8 . 0 . 0

WG (prime / other): T3 / S3 *rapporteur:* BARNES, Nigel
G: yes U: MCC: DIETZE, Claus

MOTOROLA Ltd

[get it](#) *remarks - general:* SMG9->T3@#31
remarks - this release: .

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* 8.0.1
freeze_meeting: SP-06

history (event, available, version,
upgrade to R99 16/11/2000 8 . 0 . 0
ETSI publication 20/07/2001 8 . 0 . 1

WG (prime / other): S4 / *rapporteur:* NAVARRO, William
G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:* SMG11->S4 at SMG#30
[get it](#) *remarks - this release:* Nov-00: Created to fill the gap.

TS 02.56 GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1

R99 *current version:* 8.0.1
freeze_meeting: SP-06

history (event, available, version,
Upgrade to R99 01/05/2000 8 . 0 . 0
ETSI publication 17/10/2000 8 . 0 . 1

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

ALCATEL S.A.

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

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R99 *current version:* 8.1.0
freeze_meeting: SP-06

history (event, available, version,
smg-31 30/11/2000 8 . 0 . 0
SP-10 12/01/2001 8 . 1 . 0

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

Union Internationale des Chemins de Fer

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

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R99 *current version:* 8.1.0
freeze_meeting: SP-06

history (event, available, version,
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

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

Union Internationale des Chemins de Fer

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* . TSG#10:8.1.0
[get it](#)

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.76	Noise Suppression for the AMR					
R99	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-29	2 . 0 . 0			<i>remarks - general:</i>	
	SP-07 17/03/2000	8 . 0 . 0			<i>remarks - this release:</i>	
	ETSI publication 30/07/2002	8 . 0 . 1	ETSI publication only - 3GPP use 8.0.0	get it		
	(not for 3GPP server)			get it		
<hr/>						
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		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</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	
				get it		
<hr/>						
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		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-07 17/03/2000	8 . 0 . 0			<i>remarks - general:</i>	
				get it	<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		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	Upgrade to R99 30/06/2000	8 . 0 . 0			<i>remarks - general:</i>	
				get it	<i>remarks - this release:</i> .	

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types				
R99	<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	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999 8 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-06 17/12/1999 8 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-09 18/10/2000 8 . 2 . 0		get it		
	NP-10 21/12/2000 8 . 3 . 0		get it		
<hr/>					
TS 03.13	Discontinuous Reception (DRX) in the GSM System				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	Upgrade to R99 29/03/2000 8 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 03.19	GSM API for SIM toolkit stage 2				
R99	<i>current version:</i> 8.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>				
	Upgrade to R99 27/07/2001 8 . 0 . 0		get it	<i>remarks - general:</i> SMG9->T3@#31	
	TP-11 27/07/2001 8 . 1 . 0		get it	<i>remarks - this release:</i>	
	TP-12 27/07/2001 8 . 2 . 0		get it		
	TP-14 17/01/2002 8 . 3 . 0		get it		
	TP-16 19/06/2002 8 . 4 . 0		get it		
	editorial post 14/08/2002 8 . 4 . 1		get it		
	TP-16				
	TP-17 27/09/2002 8 . 5 . 0		get it		
<hr/>					
TS 03.20	Security-related Network Functions				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S3 / NP / GP	<i>rapporteur:</i> NGUYEN NGOC, Sebastien	France Telecom	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-30 24/11/1999 8 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-32 20/06/2000 8 . 1 . 0		get it	<i>remarks - this release:</i>	

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R99	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-30 11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i> group receive mode".		
	smg-30b 06/12/1999	8 . 2 . 0	get it			
	smg-31 16/02/2000	8 . 3 . 0	get it			
	GP-03 15/02/2001	8 . 4 . 0	get it			
	GP-05 29/06/2001	8 . 5 . 0	get it			
	GP-10 19/07/2002	8 . 6 . 0	get it			
	GP-11 19/09/2002	8 . 7 . 0	get it			
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	Upgrade to R99 29/03/2000	8 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i> #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 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i> SP-06			One		
		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	Upgrade to R99 30/06/2000	8 . 0 . 0	get it	<i>remarks - general:</i> 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.		

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Server ACTIVE specs R99 03 .- series
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TS 03.33	Lawful Interception; Stage 2					
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	Upgrade to R99	30/06/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
	SP-10	21/12/2000	8 . 1 . 0	get it	<i>remarks - this release:</i> TSG#10:8.1.0	
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R99	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	smg-29	30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication	30/10/2001	8 . 0 . 1	get it	<i>remarks - this release:</i>	
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R99	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-06	17/12/1999	8 . 0 . 0 (source Klehn)	get it	<i>remarks - general:</i>	
	ETSI publication		8 . 0 . 1 ETSI format only. Not for 3GPP use.		<i>remarks - this release:</i>	
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R99	<i>current version:</i> 8.8.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-06		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>					
	smg-29	30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i> SMG9->T3@#31	
	smg-30	11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-31	16/02/2000	8 . 2 . 0	get it		
	TP-08	28/06/2000	8 . 3 . 0	get it		
	TP-09	18/10/2000	8 . 4 . 0	get it		
	TP-11	09/04/2001	8 . 5 . 0	get it		
	TP-12	06/07/2001	8 . 6 . 0	get it		
	TP-13	12/10/2001	8 . 7 . 0	get it		
	TP-14	17/01/2002	8 . 8 . 0	get it		

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
R99	current version: 8.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino		Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	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			
<hr/>						
TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
R99	current version: 8.0.1	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis		ALCATEL S.A.	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	Upgrade to R99 29/03/2000	8 . 0 . 0	get it	remarks - general:		
	ETSI publication 29/09/2000	8 . 0 . 1	get it	remarks - this release: .		
<hr/>						
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2					
R99	current version: 8.0.0	WG (prime / other): S4 / NP /	rapporteur: FAUCONNIER, Denis		NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-06	S2	MCC: USAI, Paolino			
	history (event, available, version,	G: yes U:				
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general: Mar00: prime responsibility txfrd to SMG11		
				remarks - this release: .		
<hr/>						
TS 03.55	Dual Transfer Mode (DTM); Stage 2					
R99	current version: 8.0.0	WG (prime / other): G1 / G2	rapporteur: CARRIZO MARTINEZ, Jose Luis		VODAFONE Group Plc	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	GP-02 05/01/2001	8 . 0 . 0	get it	remarks - general:		
				remarks - this release: GERAN#2: 8.0.0		
<hr/>						
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
R99	current version: 8.0.0	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves		France Telecom	
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general:		
				remarks - this release: .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 *current version:* 8.10.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 09/10/2000 8 . 6 . 0 [get it](#)
GP-03 15/02/2001 8 . 7 . 0 [get it](#)
GP-04 20/04/2001 8 . 8 . 0 [get it](#)
GP-07 04/01/2002 8 . 9 . 0 [get it](#)
GP-08 19/02/2002 8 . 10 . 0 [get it](#)

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
NP-07 17/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32 20/06/2000 8 . 2 . 0 [get it](#)

TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
NP-07 17/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32 20/06/2000 8 . 2 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.71 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: SULTAN, Alain

history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0
SP-11 11/04/2001 8 . 1 . 0
SP-12 29/06/2001 8 . 2 . 0
SP-13 15/10/2001 8 . 3 . 0
SP-14 07/01/2002 8 . 4 . 0
SP-15 02/04/2002 8 . 5 . 0
SP-16 17/06/2002 8 . 6 . 0
SP-17 24/09/2002 8 . 7 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 current version: 8.0.0
freeze_meeting: SP-16

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation
G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
SP-16 24/06/2002 8 . 0 . 0 technically identical to 23.073 v3.0.1

[get it](#) remarks - general: 2001-10-11: S2->N4 to align with ownership of 23.073.
remarks - this release: SP-16: 23.073 reverts to GERAN-only.

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 MOTOROLA A/S
Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0

[get it](#) remarks - general:
remarks - this release: #31: 8.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R99	current version: 8.0.2 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, smg-30 11/11/1999 8 . 0 . 0 ETSI publication 07/09/2001 8 . 0 . 1 edito 17/06/2002 8 . 0 . 2	get it	remarks - general: get it remarks - this release: get it		
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R99	current version: 8.1.2 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken	SIEMENS AG	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, smg-30 11/11/1999 8 . 0 . 0 smg-30 bis 06/12/1999 8 . 1 . 0 ETSI publication 07/09/2001 8 . 1 . 1 edito 17/06/2002 8 . 1 . 2	get it	remarks - general: get it remarks - this release: get it		
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R99	current version: 8.0.2 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, Upgrade to R99 30/03/2000 8 . 0 . 0 ETSI publication 22/09/2000 8 . 0 . 1 edito 17/06/2002 8 . 0 . 2	get it	remarks - general: get it remarks - this release: . get it		
<hr/>					
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
R99	current version: 8.2.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, Upgrade to R99 30/03/2000 8 . 0 . 0 ETSI publication 29/09/2000 8 . 0 . 1 GP-03 31/01/2001 8 . 1 . 0 edito 31/01/2001 8 . 1 . 1 GP-08 19/02/2002 8 . 2 . 0 edito 17/06/2002 8 . 2 . 1	get it	remarks - general: get it remarks - this release: get it get it get it get it		

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TS 04.08	Mobile radio interface layer 3 specification								
R99	current version: 8.0.0	WG (prime / other):	N1 / G2	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-29 30/06/2000 8 . 0 . 0								
				get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert			
					remarks - this release:	#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 Thomassen (even numbered CRs!) R99 reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!			
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
R99	current version: 8.0.0	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert				
	history (event, available, version, GP-04 24/04/2001 8 . 0 . 0								
				get it	remarks - general:				
					remarks - this release:	Replaces 24.012 R99.			
<hr/>									
TS 04.13	Performance Requirements on Mobile Radio Interface								
R99	current version: 8.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc			
	freeze_meeting: SP-06	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-31 16/02/2000 8 . 0 . 0 ETSI publication 29/08/2000 8 . 0 . 1								
				get it	remarks - general:				
				get it	remarks - this release:	#31: 8.0.0			
<hr/>									
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R99	current version: 8.4.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version, Upgrade to R99 30/03/2000 8 . 0 . 0 smg-32 20/06/2000 8 . 1 . 0 GP-04 24/04/2001 8 . 2 . 0 GP-05 18/06/2001 8 . 3 . 0 GP-10 19/07/2002 8 . 4 . 0								
				get it	remarks - general:				
				get it	remarks - this release:				
				get it					
				get it					
				get it					

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TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 current version: 8.16.0 WG (prime / other): G2 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8 . 0 . 0	get it
smg-30	11/11/1999	8 . 1 . 0	get it
smg-30 bis	06/12/1999	8 . 2 . 0	get it
smg-31	16/02/2000	8 . 3 . 0	get it
ETSI publication	05/10/2000	8 . 3 . 1	get it
smg-31 bis	17/04/2000	8 . 4 . 0	get it
ETSI publication	17/10/2000	8 . 4 . 1	get it
smg-32	20/06/2000	8 . 5 . 0	get it
GP-01	11/10/2000	8 . 6 . 0	get it
GP-02	21/12/2000	8 . 7 . 0	get it
GP-03	31/01/2001	8 . 8 . 0	get it
GP-04	04/05/2001	8 . 9 . 0	get it
GP-05	18/06/2001	8 . 10 . 0	get it
GP-06	10/09/2001	8 . 11 . 0	get it
GP-07	08/01/2002	8 . 12 . 0	get it
GP-08	19/02/2002	8 . 13 . 0	get it
GP-09	02/05/2002	8 . 14 . 0	get it
GP-10	19/07/2002	8 . 15 . 0	get it
GP-11	16/09/2002	8 . 16 . 0	get it

remarks - general:
remarks - this release:

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 current version: 8.3.0 WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: SP-06 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	30/06/1999	8 . 0 . 0	get it
NP-08	28/06/2000	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

remarks - general:
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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TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R99	<i>current version:</i> 8.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
Upgrade to R99	30/03/2000	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-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	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
Upgrade to R99	30/03/2000	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-01	11/10/2000	8 . 2 . 0	get it		
GP-03	31/01/2001	8 . 3 . 0	get it		
GP-07	08/01/2002	8 . 4 . 0	get it		
edito	17/06/2002	8 . 4 . 1	get it		

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
ETSI publication	29/08/2000	8 . 0 . 1	get it	<i>remarks - this release:</i> #31: 8.0.0	

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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 Kommunikations-Elektronik GmbH
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release: #31: 8.0.0*

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
R99 *current version:* 8.16.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
ETSI publication 05/10/2000 8 . 3 . 1 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-05 29/06/2001 8 . 10 . 0 [get it](#)
GP-06 14/09/2001 8 . 11 . 0 [get it](#)
GP-07 07/01/2002 8 . 12 . 0 [get it](#)
edito 08/01/2002 8 . 12 . 1 [get it](#)
GP-08 19/02/2002 8 . 13 . 0 [get it](#)
GP-09 03/05/2002 8 . 14 . 0 [get it](#)
edito post GP-09 28/05/2002 8 . 14 . 1 [get it](#)
GP-10 19/07/2002 8 . 15 . 0 [get it](#)
GP-11 16/09/2002 8 . 16 . 0 [get it](#)

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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> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-30 11/11/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>	
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> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-09 12/10/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-13 02/10/2001	8 . 2 . 0	get it		

TS 04.68	Group Call Control (GCC) Protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-07 17/03/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>	

TS 04.69	Broadcast Call Control (BCC) protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</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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TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99
current version: 8.4.0
freeze_meeting: SP-06

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

Upgrade to R99	30/06/2000	8	.	0	.	0
smg-31	20/03/2000	8	.	1	.	0
GP-05	18/06/2001	8	.	2	.	0
GP-07	08/01/2002	8	.	3	.	0
edito	17/06/2002	8	.	3	.	1
GP-10	19/07/2002	8	.	4	.	0

[get it](#) remarks - general: Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R99

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99
current version: 8.6.0
freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES
USAI, Paolino
G: yes U: MCC:

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-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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[get it](#) remarks - this release:
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TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.10.0

freeze_meeting: SP-06

history (event, available, version,

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

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 05.03 Channel coding

R99 current version: 8.6.1

freeze_meeting: SP-06

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
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

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:
[get it](#) remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0
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TS 05.04 Modulation

R99 *current version:* 8.4.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

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
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

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:*
[get it](#) *remarks - this release:*
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TS 05.08 Radio Subsystem Link Control

R99 current version: 8.15.0

freeze_meeting: SP-06

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
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

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer
G: yes U: MCC: USAI, Paolino

VODAFONE Group Plc

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TS 05.09 Link adaptation

R99 current version: 8.5.0

freeze_meeting: SP-06

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0
ETSI publication	05/10/2000	8	.	0	.	1
smg-32	20/06/2000	8	.	1	.	0
GP-02	24/11/2000	8	.	2	.	0
GP-03	15/01/2001	8	.	3	.	0
GP-06	01/10/2001	8	.	4	.	0
GP-07	04/01/2002	8	.	5	.	0

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels
G: yes U: MCC: USAI, Paolino

MOTOROLA A/S

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[get it](#) remarks - this release:
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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10 Radio subsystem synchronization

R99 *current version:* 8.10.0

freeze_meeting: SP-06

history (event, available, version,

smg-30	11/11/1999	8	.	0	.	0
smg-30 bis	06/12/1999	8	.	1	.	0
smg-31	16/02/1999	8	.	2	.	0
ETSI publication	29/09/2000	8	.	2	.	1
smg-31 bis	17/04/2000	8	.	3	.	0
smg-32	20/06/2000	8	.	4	.	0
GP-01	10/10/2000	8	.	5	.	0
GP-02	24/11/2000	8	.	6	.	0
edito	30/11/2000	8	.	6	.	1
GP-03	15/02/2001	8	.	7	.	0
GP-04	20/04/2001	8	.	8	.	0
GP-08	19/02/2002	8	.	9	.	0
GP-10	19/07/2002	8	.	10	.	0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri

G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

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[get it](#) *remarks - this release:*

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TR 05.22 Radio link management in hierarchical networks

R99 *current version:* 8.0.0

freeze_meeting: SP-06

history (event, available, version,

Upgrade to R99 30/03/2000 8 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han

G: yes U: *MCC:* USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*

remarks - this release: .

TR 05.50 Background for RF Requirements

R99 *current version:* 8.2.0

freeze_meeting: SP-06

history (event, available, version,

smg-30	11/11/1999	8	.	0	.	0
smg-31	16/02/2000	8	.	1	.	0
smg-31 bis	17/04/2000	8	.	2	.	0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels

G: yes U: *MCC:* Peter Skov
USAI, Paolino

MOTOROLA A/S

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #30: 8.0.0 #31:8.1.0 #31b:8.2.0

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem
R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.02 Half Rate Speech Processing Functions
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 06 .- series
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	WG (prime / other):	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,</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> .				
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec								
R99	<i>current version:</i> 8.0.0	WG (prime / other):	S4 / -	<i>rapporteur:</i>	SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-31 16/02/2000	8 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
TS 06.10	Full Rate Speech Transcoding								
R99	<i>current version:</i> 8.2.0	WG (prime / other):	S4 / -	<i>rapporteur:</i>	LORENZ, Dietmar	PHILIPS Semiconductors			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-31 16/02/2000	8 . 0 . 0		get it	<i>remarks - general:</i>				
	Editorial 31/05/2000	8 . 0 . 1		get it	<i>remarks - this release:</i>				
	smg-32 20/06/2000	8 . 1 . 0		get it					
	ETSI Publication 30/11/2000	8 . 1 . 1		get it					
	SP-12 29/06/2001	8 . 2 . 0		get it					
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels								
R99	<i>current version:</i> 8.0.1	WG (prime / other):	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</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> .				
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels								
R99	<i>current version:</i> 8.1.0	WG (prime / other):	S4 / -	<i>rapporteur:</i>	SERENO, Daniele	TELECOM ITALIA S.p.A.			
	<i>freeze_meeting:</i> SP-06	G: yes U:		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-31 16/02/2000	8 . 0 . 0		get it	<i>remarks - general:</i>				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	<i>remarks - this release:</i> .				
	SP-12 29/06/2001	8 . 1 . 0		get it					

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.20	Half Rate Speech Transcoding					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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> .			
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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> .			
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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> .			
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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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> .			
TS 06.32	Voice Activity Detection (VAD)					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino					Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-31 16/02/2000 8 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 15/11/2000 8 . 0 . 1			get it	<i>remarks - this release:</i> .				
<hr/>									
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul					Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-31 16/02/2000 8 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI Publication 15/11/2000 8 . 0 . 1			get it	<i>remarks - this release:</i> .				
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari					NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-31 16/02/2000 8 . 0 . 0			get it	<i>remarks - general:</i>				
	ETSI publication 15/11/2000 8 . 0 . 1			get it	<i>remarks - this release:</i> #32:8.1.0 TSG#10:8.2.0				
	smg-32 20/06/2000 8 . 1 . 0			get it					
	ETSI publication 30/11/2000 8 . 1 . 1			get it					
	SP-10 20/12/2000 8 . 2 . 0			get it					
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari					NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</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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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R99 *current version:* 8.2.0
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
ETSI publication 15/11/2000 8 . 0 . 1
smg-32 20/06/2000 8 . 1 . 0
SP-10 20/12/2000 8 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* SALEM, Tarek
G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.60 Enhanced full rate speech transcoding

R99 *current version:* 8.0.1
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
ETSI Publication 15/11/2000 8 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R99 *current version:* 8.0.1
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
ETSI Publication 15/11/2000 8 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R99 *current version:* 8.0.1
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
ETSI Publication 15/11/2000 8 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76 Adaptive Multi-Rate (AMR) speech codec; Study phase report
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-07 2 . 0 . 0 *remarks - general:* New at SMG#31. Then became 06.77; new 06.76 has new title.
SP-07 17/03/2000 8 . 0 . 0 *remarks - this release:*
fix invisible 10/01/2002 8 . 0 . 1 [get it](#)
[get it](#)

TS 06.77 Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder
R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-32 20/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
SP-11 10/04/2001 8 . 1 . 0 [get it](#) *remarks - this release:* #32:8.0.0 TSG#11:8.1.0
edito 03/05/2001 8 . 1 . 1 [get it](#)

TR 06.78 Results of the AMR noise suppression selection phase
R99 *current version:* 8.0.0 *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,
smg-32 20/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #32:8.0.0

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
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 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Nels MOTOROLA A/S
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
R99 *current version:* 8.13.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
Fix graphics 16/05/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-06 14/09/2001 8 . 10 . 0 [get it](#)
GP-07 08/01/2002 8 . 11 . 0 [get it](#)
GP-08 19/02/2002 8 . 12 . 0 [get it](#)
GP-10 19/07/2002 8 . 13 . 0 [get it](#)

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 17/06/2002 8 . 0 . 1	get it	<i>remarks - this release:</i> .		
<hr/>					
TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R99	<i>current version:</i> 8.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-31 16/02/2000 8 . 2 . 0	get it			
	smg-31 bis 17/04/2000 8 . 3 . 0	get it			
	GP-01 11/10/2000 8 . 4 . 0	get it			
	GP-02 30/11/2000 8 . 5 . 0	get it			
	edito 23/01/2001 8 . 5 . 1	get it			
	GP-03 31/01/2001 8 . 6 . 0	get it			
	GP-04 04/05/2001 8 . 7 . 0	get it			
	GP-05 18/06/2001 8 . 8 . 0	get it			
	GP-06 05/10/2001 8 . 9 . 0	get it			
	GP-09 06/05/2002 8 . 10 . 0	get it			
<hr/>					
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-09 18/10/2000 8 . 2 . 0	get it			
	NP-10 21/12/2000 8 . 3 . 0	get it			
	NP-11 04/04/2001 8 . 4 . 0	get it			
	ETSI-format publication 8 . 4 . 1		ETSI publication only - 3GPP tp use 8.4.0		

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http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R99	current version: 8.1.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	history (event, available, version,	G: yes U:	MCC:			
	Upgrade to R99 11/05/2000 8 . 0 . 0	get it	remarks - general:			
	GP-05 18/06/2001 8 . 1 . 0	get it	remarks - this release: .			
	edito 17/06/2002 8 . 1 . 1	get it				

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	history (event, available, version,	G: yes U:	MCC:			
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
	edito 17/06/2002 8 . 0 . 1	get it	remarks - this release: .			

TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	history (event, available, version,	G: yes U:	MCC:			
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
	edito 17/06/2002 8 . 0 . 1	get it	remarks - this release: .			

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R99	current version: 8.0.1 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert		MOTOROLA A/S	
	history (event, available, version,	G: yes U:	MCC:			
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
	edito 17/06/2002 8 . 0 . 1	get it	remarks - this release: .			

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TS 08.56	BSC-BTS Layer 2; Specification				
R99	current version: 8.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:		
	edito 17/06/2002 8 . 0 . 1	get it	remarks - this release:		
TS 08.58	Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
R99	current version: 8.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-29 30/06/1999 8 . 0 . 0	get it	remarks - general:		
	smg-30 11/11/1999 8 . 1 . 0	get it	remarks - this release: #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0		
	smg-30 11/11/1999 8 . 2 . 0	get it			
	smg-31 16/02/2000 8 . 3 . 0	get it			
	smg-31 bis 17/04/2000 8 . 4 . 0	get it			
	GP-01 11/10/2000 8 . 5 . 0	get it			
	GP-02 30/11/2000 8 . 6 . 0	get it			
TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
R99	current version: 8.2.0	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	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			
TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels				
R99	current version: 8.1.0	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06		Peter Skov		
		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	remarks - this release: .		
	GP-08 19/02/2002 8 . 1 . 0	get it			

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.62 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-07 17/03/2000 8 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
edito 08/08/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.71 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3
R99 *current version:* 8.5.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
smg-31 bis 17/04/2000 8 . 1 . 0 [get it](#) *remarks - this release:*
GP-02 30/11/2000 8 . 2 . 0 [get it](#)
GP-06 14/09/2001 8 . 3 . 0 [get it](#)
GP-07 08/01/2002 8 . 4 . 0 [get it](#)
GP-08 26/03/2002 8 . 5 . 0 [get it](#)

R99 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R99 *current version:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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, Ericsson Incorporated
freeze_meeting: SP-06 *G: yes U:* *MCC:* Rouzbeh
history (event, available, version,
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

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Server ACTIVE specs R99 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.31	Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)				
R99	<i>current version:</i> 8.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
<i>history (event, available, version,</i>					
smg-31	16/02/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
smg-31 bis	17/04/2000	8 . 1 . 0	get it	<i>remarks - this release:</i>	
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

TS 10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1				
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> SULTAN, Alain		
<i>history (event, available, version,</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	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> MUELLER, Frank	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
<i>history (event, available, version,</i>					
draft	05/01/2000	1 . 20 . 0	get it	<i>remarks - general:</i>	
draft	01/04/2000	1 . 22 . 0	get it	<i>remarks - this release:</i>	
draft	25/05/2000	1 . 23 . 0	get it		
smg-32	20/06/2000	8 . 0 . 0	get it		

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

R99 current version: 8.3.0 WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /

T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-31 16/02/2000 8 . 0 . 0

smg-31 16/02/2000 8 . 1 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

[get it](#)

[get it](#)

remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and

reclosed!

ETSI publication 30/10/2000 8 . 1 . 1

smg-32 20/06/2000 8 . 2 . 0

GP-06 14/09/2001 8 . 3 . 0

[get it](#)

[get it](#)

[get it](#)

TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R99 current version: 2.0.0 DRAFT 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,

Upgrade to R99

8 . 0 . 0

(Version never produced) Withdrawn
May 2000: no R99 version needed.

[get it](#)

remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, over

this spec from G5, and to approve a new R99 version not derived from R96

Note that this v8.0.0 precedes the new
will cover all
drafts 0.0.1 & 2.0.0 presented at TP-14

and to approve a new R99 version not derived from R96 by CR; also to withdraw by CR;

also to withdraw the R96 version, since the R99 version will cover all

the R96 version, since the R99 version will cover all previous Releases.previous

Releases.

& TP-17 respectively.

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.

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Server ACTIVE specs R99 11 .- series
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TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.8.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-06 *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [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](#)

TS 11.13 Test specification for SIM API for Java card

R99 *current version:* 8.0.0 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
TP-17 18/09/2002 8 . 0 . 0 == v7.4.2 [get it](#) *remarks - general:*
remarks - this release: No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_s_eries

TS 11.14	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	WG (prime / other): T3 / -	rapporteur: WOODSEND, Kristian	Indicate persons who left Company and wait for new One
R99	<i>current version:</i> 8.11.0			
	<i>freeze_meeting:</i> TP-06			
<i>history (event, available, version,</i>		G: yes	U:	MCC: DIETZE, Claus
	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	To be withdrawn at TSG#12, subsumed in 31.111		get it
	TP-12 06/07/2001 8 . 7 . 0	Unwithdrawn!		get it
	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

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects	WG (prime / other): G3 / -	rapporteur: VACANT,	
R99	<i>current version:</i> 8.6.0		MCC: USAI, Paolino	
	<i>freeze_meeting:</i> SP-06	G: yes	U:	
<i>history (event, available, version,</i>				
	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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 *current version:* 8.0.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 bis 17/04/2000 8 . 0 . 0 based on 5.2.1 [get it](#) *remarks - general:*
start of OAP 24/05/2000 8 . 0 . 1 [get it](#) *remarks - this release:*
ETSI publication 10/10/2000 8 . 0 . 2 [get it](#)

R99 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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:* NP *MCC:* ZOICAS, Adrian
history (event, available, version,
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 12.04 Performance data measurements

R99 *current version:* 8.1.0 *WG (prime / other):* S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* yes *U:* NP *MCC:* ZOICAS, Adrian
history (event, available, version,
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*
SP-16 28/06/2002 8 . 1 . 0 [get it](#) *remarks - this release:*

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R99 *current version:* 8.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-09 06/05/2002 8 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release: GP-09 (Usai) created to fill the Release gap.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.71 Location Services (LCS); Location services management

R99 current version: 8.0.1
freeze_meeting: SP-06

WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,

draft	22/09/1999	0	.	0	.	1
draft	18/10/1999	0	.	0	.	2
draft	03/12/1999	0	.	0	.	3
draft	22/12/1999	0	.	0	.	4
draft	17/01/2000	0	.	0	.	5
draft	22/05/2000	2	.	0	.	0
draft	25/05/2000	2	.	0	.	1
SP-08	21/06/2000	7	.	0	.	0
SP-08	21/06/2000	8	.	0	.	0
ETSI Publication	30/11/2000	8	.	0	.	1

[get it](#)

remarks - general: TSG#11:S5 will no longer maintain.

[get it](#)

remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.

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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

3GPP specification status

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99 current version: 3.9.0
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): SP / - rapporteur: MEREDITH, John M ETSI Secretariat
G: U: yes MCC: POPE, Maurice

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	

[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
history (event, available, version,

WG (prime / other): T3 / - rapporteur: KALINER, Stefan T-MOBILE DEUTSCHLAND
G: U: yes MCC: DIETZE, Claus

draft	16/10/1998	0	.	0	.	1	
Transfer from smg9 to T3	04/03/1999	1	.	1	.	0	
T3	21/04/1999	2	.	0	.	0	
TP-03	23/04/1999	3	.	0	.	0	
TP-06	17/12/1999	3	.	0	.	1	
TP-07	15/03/2000	3	.	1	.	0	
TP-08	23/06/2000	3	.	2	.	0	
TP-09	18/10/2000	3	.	3	.	0	
TP-17	18/09/2002	3	.	4	.	0	

[get it](#) remarks - general:
[get it](#) remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0
freeze_meeting: SP-03

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
Per
G: U: yes *MCC:* POPE, Maurice

history (event, available, version,

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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[get it](#)
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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 TELIA AB
G: U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-08	23/06/2000	3	. 0	. 0
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[get it](#) *remarks - general:* Was formerly 21.910. Renumbered at TSG#7.
remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0
freeze_meeting: SP-03

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: yes *MCC:* POPE, Maurice

history (event, available, version,

SP-03	23/04/1999	3	. 0	. 0
SP-04	23/06/1999	3	. 1	. 0
SP-05	13/10/1999	3	. 2	. 0
SP-08	28/06/2000	3	. 3	. 0
SP-09	04/10/2000	3	. 4	. 0
SP-10	04/01/2001	3	. 5	. 0
SP-11	11/04/2001	3	. 6	. 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.904 User Equipment (UE) capability requirements

R99 current version: 3.5.0
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): T2 / - rapporteur: SOOD, Prem SHARP Corporation
G: U: yes MCC: RODERMUND, Friedhelm

TP-03	23/04/1999	0	.	0	.	0
TP-04	18/06/1999	0	.	0	.	3
TP-05	08/10/1999	1	.	0	.	2
TP-06	17/12/1999	1	.	1	.	0
TP-07		2	.	0	.	0
TP-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

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[get it](#) remarks - this release:
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TP-000026

TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd
G: U: yes MCC: CLAYTON, Michael

SP-05	13/10/1999	0	.	0	.	1
SP-07	15/03/2000	3	.	0	.	0
SP-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

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[get it](#) remarks - this release:
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SP-000072

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TELIA AB
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

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
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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[get it](#)

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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
history (event, available, version,

WG (prime / other): N2 / - *rapporteur:*
G: yes *U:* yes *MCC:* JURISIC, Andrijana

NP-06 17/12/1999 2 . 0 . 0
Revised clause 11 14/01/2000 2 . 1 . 0
NP-08 2 . 1 . 1
NP-08 23/06/2000 3 . 0 . 0

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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
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes *U:* yes *MCC:* CLAYTON, Michael

SP-06 17/12/1999 3 . 0 . 0 aprvd with CRs
SP-06 17/12/1999 3 . 1 . 0
edito 18/01/2000 3 . 1 . 1
SP-07 17/03/2000 3 . 2 . 0

[get it](#)

remarks - general: Transfer>TSG#5

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 22 .- series
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,</i>								
	SP-05 13/10/1999	3 . 1 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-06 17/12/1999	3 . 2 . 0		get it	<i>remarks - this release:</i>				
	SP-07 15/03/2000	3 . 3 . 0		get it					
	SP-08 23/06/2000	3 . 4 . 0		get it					
	SP-09 18/10/2000	3 . 5 . 0		get it					
	SP-11 02/04/2001	3 . 6 . 0		get it					
<hr/>									
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-08		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999	3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i> Transfer>TSG#5				
	SP-06 17/12/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-07 17/03/2000	3 . 2 . 0		get it					
	SP-12 27/06/2001	3 . 3 . 0		get it					
<hr/>									
TS 22.004	General on supplementary services								
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3 . 0 . 1		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-06 17/12/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-07 15/03/2000	3 . 2 . 0		get it					
	Editorial 15/03/2000	3 . 2 . 1		get it					
	SP-16 04/07/2002	3 . 3 . 0		get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 22 .- series
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,								
	txferd to 3GPP	01/06/2000	3 . 0 . 0		get it	remarks - general: Transfer>TSG#4			
	SP-05	30/10/1999	3 . 0 . 1		get it	remarks - this release:			
	SP-06	17/12/1999	3 . 1 . 1		get it				
	SP-07	17/03/2000	3 . 2 . 0		get it				
	SP-09	18/10/2000	3 . 3 . 0		get it				
	SP-11	02/04/2001	3 . 4 . 0		get it				
	SP-12	27/06/2001	3 . 5 . 0		get it				
	SP-14	10/01/2002	3 . 6 . 0		get it				
	SP-15	25/03/2002	3 . 7 . 0		get it				
	SP-17	17/09/2002	3 . 8 . 0		get it				

TS 22.016	International Mobile Equipment Identities (IMEI)								
R99	current version: 3.3.0			WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4			
	SP-06	17/12/1999	3 . 1 . 0		get it	remarks - this release:			
	SP-08	28/06/2000	3 . 2 . 0		get it				
	SP-16	04/07/2002	3 . 3 . 0		get it				

TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
R99	current version: 3.2.1			WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC, Sebastien	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4			
	SP-08	28/06/2000	3 . 1 . 0	difficulty in implementing CR	get it	remarks - this release:			
	SP-16	19/06/2002	3 . 2 . 0		get it				
	edito post SP-16	24/06/2002	3 . 2 . 1	corrects change history	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.024	Description of Charge Advice Information (CAI)				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5		
			<i>remarks - this release:</i> .		
<hr/>					
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)				
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka		NOKIA Corporation
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 30/10/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-05 30/10/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>		
	SP-06 17/12/1999 3 . 2 . 0	get it			
	SP-07 17/03/2000 3 . 3 . 0	get it			
	SP-09 18/10/2000 3 . 4 . 0	get it			
<hr/>					
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	SP-16 24/06/2002 3 . 0 . 0	get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).		
			<i>remarks - this release:</i> SP-16: Takes over from 02.32 R99.		
<hr/>					
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1				
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-07 15/03/2000 3 . 2 . 0	get it	<i>remarks - this release:</i>		
	edito 25/04/2000 3 . 2 . 1	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1						
R99	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 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	WG (prime / other):	S1 / -	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999	3	. 1	. 0	get it	remarks - general:	Transfer>TSG#4
	SP-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	WG (prime / other):	S1 / -	rapporteur:	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999	3	. 0	. 1	get it	remarks - general:	Transfer>TSG#4
						remarks - this release:	CR to 3.0.1 not aprvd.
<hr/>							
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1						
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 25/10/1999	3	. 0	. 0	get it	remarks - general:	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution
	edito 25/10/1999	3	. 0	. 1	get it	remarks - this release:	. Environment (MExE); Stage 1".

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_s_eries

TS 22.060 General Packet Radio Service (GPRS); Service description; Stage 1

R99 *current version:* 3.5.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-06 17/12/1999 3 . 2 . 0 [get it](#) *remarks - this release:*
SP-07 15/03/2000 3 . 3 . 0 [get it](#)
SP-08 28/06/2000 3 . 4 . 0 [get it](#)
SP-09 18/10/2000 3 . 5 . 0 [get it](#)

TS 22.066 Support of Mobile Number Portability (MNP); Stage 1

R99 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4
SP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
SP-08 28/06/2000 3 . 2 . 0 [get it](#)

TS 22.067 enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1

R99 *current version:* 3.0.1 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 1 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 22.071 Location Services (LCS); Stage 1

R99 *current version:* 3.4.0 *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-06 17/12/1999 3 . 2 . 0 [get it](#) *remarks - this release:*
SP-09 18/10/2000 3 . 3 . 0 [get it](#)
SP-15 25/03/2002 3 . 4 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 22.072	Call Deflection (CD); Stage 1				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> .		
<hr/>					
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
R99	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i>		
	SP-06 17/12/1999 3 . 2 . 0	get it	<i>remarks - this release:</i>		
	SP-07 15/03/2000 3 . 3 . 0	get it			
	SP-08 28/06/2000 3 . 4 . 0	get it			
	edito 09/08/2000 3 . 4 . 1	get it			
	SP-09 31/10/2000 3 . 5 . 0	get it			
	SP-10 08/01/2001 3 . 6 . 0	get it			
	SP-11 02/04/2001 3 . 7 . 0	get it			
	SP-12 27/06/2001 3 . 8 . 0	get it			
	SP-15 25/03/2002 3 . 9 . 0	get it			
<hr/>					
TS 22.079	Support of optimal routing; Stage 1				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</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 22.081	Line Identification supplementary services; Stage 1				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-08 28/06/2000 3 . 2 . 0	get it	<i>remarks - this release:</i>		

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TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
		get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
		get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
		get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						
<hr/>									
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1								
	SP-06 17/12/1999 3 . 1 . 0								
		get it	<i>remarks - general:</i> Transfer>TSG#4						
		get it	<i>remarks - this release:</i> .						
<hr/>									
TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 1 . 0								
		get it	<i>remarks - general:</i> Transfer>TSG#4						
			<i>remarks - this release:</i> .						

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TS 22.087	User-to-user signalling (UUS); Stage 1						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4		
	3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.				remarks - this release:		
	incorporation of 01/02/2000 3 . 1 . 0			get it			
	lost CR from						
TS 22.088	Call Barring (CB) supplementary services; Stage 1						
R99	current version: 3.0.2	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4		
	edito 27/11/2000 3 . 0 . 2			get it	remarks - this release: .		
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4		
	SP-07 15/03/2000 3 . 1 . 0			get it	remarks - this release:		
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1						
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4		
	SP-09 18/10/2000 3 . 1 . 0			get it	remarks - this release:		
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1						
R99	current version: 3.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-05 13/10/1999 3 . 0 . 1			get it	remarks - general: Transfer>TSG#4		
					remarks - this release: .		

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http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.094	Follow Me service description - Stage 1					
R99	current version: 3.1.0	WG (prime / other): S1 / -	rapporteur: BERGMANN, Ansgar	Deutsche Telekom AG		
	freeze_meeting: SP-06	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-06 17/12/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4. GSM only @TSG#5			
			remarks - this release: Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.			
<hr/>						
TS 22.096	Name identification supplementary services; Stage 1					
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	EMCOM Ltd		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4			
			remarks - this release: .			
<hr/>						
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1					
R99	current version: 3.2.0	WG (prime / other): S1 / -	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general: Transfer>TSG#4			
	SP-09 18/10/2000 3 . 2 . 0	get it	remarks - this release:			
<hr/>						
TS 22.100	UMTS Phase 1					
R99	current version: 3.7.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: SP-03	G: U: yes	MCC: CLAYTON, Michael			
	history (event, available, version, draft 16/09/1998 0 . 1 . 0	get it	remarks - general:			
	draft 16/10/1998 1 . 0 . 0	get it	remarks - this release:			
	WG approval 01/02/1999 2 . 0 . 0	get it				
	Transfer to SP SA 23/04/1999 3 . 0 . 0	get it				
	SP-03 23/04/1999 3 . 2 . 0	get it				
	SP-04 23/06/1999 3 . 3 . 0	get it				
	SP-05 13/10/1999 3 . 4 . 0	get it				
	SP-06 17/12/1999 3 . 5 . 0	get it				
	SP-07 15/03/2000 3 . 6 . 0	get it				
	SP-13 05/10/2001 3 . 7 . 0	get it				

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TS 22.101 Service aspects; Service principles

R99 current version: 3.13.0

freeze_meeting: SP-03

history (event, available, version,

SP-03	23/04/1999	3	.	5	.	0
SP-04	23/06/1999	3	.	6	.	0
SP-05	13/10/1999	3	.	7	.	0
SP-06	17/12/1999	3	.	8	.	0
SP-07	15/03/2000	3	.	9	.	0
SP-08	28/06/2000	3	.	10	.	0
SP-09	18/10/2000	3	.	11	.	0
SP-10	08/01/2001	3	.	12	.	0
SP-12	27/06/2001	3	.	13	.	0

WG (prime / other): S1 / - rapporteur: DWYER, Paul
G: U: yes MCC: CLAYTON, Michael

NORTEL NETWORKS (EUROPE)

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze_meeting: SP-03

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
draft	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change	20/03/1998	3	.	0	.	0
control						
smg-26 to review	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

WG (prime / other): S1 / - rapporteur: EVEN, Anne
G: U: yes MCC: CLAYTON, Michael

France Telecom

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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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,

First complete	13/06/1997	1	.	0	.	0
Milestone 1	19/12/1997	1	.	2	.	2
WG approval	15/01/1999	2	.	0	.	0
TB approval	15/02/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-03	23/04/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-07	15/03/2000	3	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

R99 *current version:* 3.3.1
freeze_meeting: SP-04

WG (prime / other): S1 / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited
G: yes U: yes *MCC:* CLAYTON, Michael

history (event, available, version,

OSP parts extracted from 22,121 v3,2,0	04/03/1999	0	.	0	.	0
draft	04/04/1999	0	.	1	.	0
SP-04	23/06/1999	3	.	0	.	0
SP-05	13/10/1999	3	.	1	.	0
SP-07	15/03/2000	3	.	2	.	0
SP-08	28/06/2000	3	.	3	.	0
SP-16	19/07/2002	3	.	3	.	1

[get it](#) *remarks - general:* Former title: "Provision of Services in UMTS - The Virtual Home Environment;
remarks - this release: Stage 1". SP-16: converted from TS to TR.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
Converted from TS to TR. [get it](#)

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TS 22.129 Handover requirements between UTRAN and GERAN or other radio systems

R99 *current version:* 3.6.0 *WG (prime / other):* S1 / - *rapporteur:* SAMPSON, Nick ORANGE PCS LTD
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
Start of work 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
Table of Contents 04/03/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
and Scope
First complete 22/04/1999 1 . 0 . 0 [get it](#)
SP-03 23/01/1999 1 . 2 . 0 [get it](#)
SP-03 23/04/1999 3 . 0 . 0 [get it](#)
SP-05 13/10/1999 3 . 1 . 0 [get it](#)
SP-06 17/12/1999 3 . 2 . 0 [get it](#)
SP-08 28/06/2000 3 . 3 . 0 [get it](#)
SP-09 18/10/2000 3 . 4 . 0 [get it](#)
SP-10 08/01/2001 3 . 5 . 0 [get it](#)
SP-14 10/01/2002 3 . 6 . 0 [get it](#)

TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G:* U: yes *MCC:* CLAYTON, Michael

history (event, available, version,
Start of work 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
Table of Contents 04/03/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
and Scope
SP-03 23/04/1999 1 . 0 . 0 [get it](#)
SP-05 13/10/1999 3 . 0 . 0 [get it](#)
SP-06 17/12/1999 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-09 18/10/2000 3 . 4 . 0 [get it](#)

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TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0
freeze_meeting: SP-06
history (event, available, version,
SP-T-3 23/04/1999 0 . 0 . 0
SP-T-05 08/10/1999 1 . 0 . 0
SP-T-06 17/12/1999 2 . 0 . 0
SP-08 28/06/2000 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* LAUMEN, Josef
G: *U:* yes *MCC:* CLAYTON, Michael
SIEMENS AG

[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
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-05 08/10/1999 3 . 0 . 0

WG (prime / other): T2 / NP *rapporteur:* COLBAN, Erik
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm
ERICSSON AS

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1
freeze_meeting: SP-03
history (event, available, version,
Table of Contents 19/10/1997 0 . 0 . 1
and Scope
First complete 19/12/1997 1 . 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

WG (prime / other): S1 / - *rapporteur:* MONTEGROSSO,
Emanuele
G: *U:* yes *MCC:* CLAYTON, Michael
TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TR 22.975 Advanced addressing

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
Table of Contents 17/10/1997 0 . 1 . 0
and Scope
First complete 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
TB approval 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 0 . 1
SP-05 13/10/1999 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* KLEIER, Stephan
G: *U:* yes *MCC:* CLAYTON, Michael
Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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TS 23.002	Network architecture								
R99	current version: 3.6.0								
	freeze_meeting: SP-05								
	history (event, available, version,								
	SP-05 13/10/1999	3	.	1	.	0	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								
	freeze_meeting: SP-03								
	history (event, available, version,								
	NP-03 23/04/1999	3	.	0	.	0	get it	remarks - general:	
	NP-04 23/06/1999	3	.	1	.	0	get it	remarks - this release:	
	NP-05 13/10/1999	3	.	2	.	0	get it		
	NP-06 15/12/1999	3	.	3	.	0	get it		
	NP-07 15/03/2000	3	.	4	.	0	get it		
	edito 17/05/2000	3	.	4	.	1	get it		
	NP-08 28/06/2000	3	.	5	.	0	get it		
	NP-09 26/10/2000	3	.	6	.	0	get it		
	NP-10 21/12/2000	3	.	7	.	0	get it		
	NP-11 02/04/2001	3	.	8	.	0	get it		
	NP-12 27/06/2001	3	.	9	.	0	get it		
	NP-16 21/06/2002	3	.	10	.	0	get it		
	NP-17 17/09/2002	3	.	11	.	0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.007 Restoration procedures

R99 *current version:* 3.5.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 1 . 3
NP-06 15/12/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-08 28/06/2000 3 . 4 . 0
NP-16 21/06/2002 3 . 5 . 0

WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE Group Plc
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[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
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 1 . 0
NP-06 15/12/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-08 28/06/2000 3 . 4 . 0
NP-09 26/10/2000 3 . 5 . 0
NP-12 27/06/2001 3 . 6 . 0
NP-16 21/06/2002 3 . 7 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 23 .- series
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TS 23.009	Handover procedures					
R99	<i>current version:</i> 3.11.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-03			Rouzbeh		
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	NP-03 23/04/1999	3 . 0 . 0				
	NP-06 17/12/1999	3 . 1 . 0		get it	<i>remarks - general:</i>	
	NP-07 15/03/2000	3 . 2 . 0		get it	<i>remarks - this release:</i>	
	edito (SDLs 16/05/2000	3 . 2 . 1		get it		
	beautified)					
	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		

TS 23.011	Technical realization of Supplementary Services					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-03		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999	3 . 0 . 0		get it	<i>remarks - general:</i>	
	edito 06/06/2000	3 . 0 . 1		get it	<i>remarks - this release:</i>	
	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>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> SP-03		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999	3 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-06 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		get it		
	removed (error)					
	NP-08 23/06/2000	3 . 3 . 0		get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 *current version:* 3.2.0
freeze_meeting: SP-03

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-17 17/09/2002 3 . 2 . 0

[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .
[get it](#)

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0
freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 23.016 Subscriber data management; Stage 2

R99 *current version:* 3.9.0
freeze_meeting: SP-03

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-06 15/12/1999 3 . 3 . 0
NP-07 15/03/2000 3 . 4 . 0
NP-08 23/06/2000 3 . 5 . 0
NP-09 26/10/2000 3 . 6 . 0
NP-11 30/03/2001 3 . 7 . 0
NP-15 28/03/2002 3 . 8 . 0
NP-17 17/09/2002 3 . 9 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.11.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: yes MCC: KYMALA INEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	25/10/2000	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
NP-12	04/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	16/01/2002	3	.	10	.	0
NP-15	28/03/2002	3	.	11	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 23.032 Universal Geographical Area Description (GAD)

R99 current version: 3.1.0

freeze_meeting: SP-03

WG (prime / other): S2 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation

G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,

SP-03	23/04/1999	3	.	0	.	0
SP-07	15/03/2000	3	.	1	.	0

[get it](#) remarks - general: S2 responsibility?
[get it](#) remarks - this release:

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

G: yes U: yes MCC: Inmaculada JORGENSEN, Per Johan

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	1	.	1
NP-07	15/03/2000	3	.	2	.	0
NP-10	02/01/2001	3	.	3	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.035	Immediate Service Termination (IST); Stage 2				
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-16		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice	
	<i>history (event, available, version,</i>		get it	<i>remarks - general:</i>	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).
	SP-16 24/06/2002 3 . 0 . 0		get it	<i>remarks - this release:</i>	SP-16: takes over from 03,35 R99.
	SP-17 18/09/2002 3 . 1 . 0				
<hr/>					
TS 23.038	Alphabets and language-specific information				
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>		get it	<i>remarks - general:</i>	
	TP-03 28/04/1999 1 . 0 . 0		get it	<i>remarks - this release:</i>	additional CR for R99 on SMS enhanced message content expected at TSG-T#7.
	TP-04 23/06/1999 3 . 1 . 0				No, evidently not.
	TP-05 08/10/1999 3 . 2 . 0		get it		
	TP-06 17/12/1999 3 . 3 . 0		get it		
<hr/>					
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>		get it	<i>remarks - general:</i>	
	TP-03 28/04/1999 1 . 0 . 0		get it	<i>remarks - this release:</i>	
	TP-04 23/06/1999 3 . 0 . 0		get it		
	TP-06 completed 17/12/1999 3 . 1 . 0		get it		
	TP-09 04/10/2000 3 . 2 . 0		get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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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
history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	23/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
edito	19/04/2000	3	.	4	.	1
TP-08	23/06/2000	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	11/01/2002	3	.	7	.	0
TP-15	21/03/2002	3	.	8	.	0
TP-16	25/06/2002	3	.	9	.	0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
G: yes U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 current version: 3.5.0
freeze_meeting: SP-05
history (event, available, version,

TP-03	23/04/1999	0	.	0	.	0
TP-05	08/10/1999	3	.	0	.	0
TP-06	17/12/1999	3	.	1	.	0
TP-07 completion target	15/03/2000	3	.	2	.	0
TP-09	11/10/2000	3	.	3	.	0
TP-12	04/07/2001	3	.	4	.	0
TP-16	25/06/2002	3	.	5	.	0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
G: yes U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general: Transfer>TSG#4
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-05 08/10/1999 3 . 0 . 0
TP-04 23/06/1999 3 . 0 . 0
test vectors 23/01/2001 3 . 1 . 0
provided
TP-06 17/12/1999 3 . 1 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
[get it](#)
[get it](#)
[get it](#)

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-05 08/10/1999 3 . 0 . 0
TP-04 23/06/1999 3 . 0 . 0
test vectors 23/01/2001 3 . 1 . 0
provided
TP-06 17/12/1999 3 . 1 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.
[get it](#)
[get it](#)
[get it](#)

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0
freeze_meeting: SP-06
history (event, available, version,
TP-03 28/04/1999 1 . 0 . 0
TP-04 (MExE R98 18/06/1999 1 . 1 . 0
GSM 03.57)
TP-05 08/10/1999 1 . 5 . 0
TP-06 completed 17/12/1999 3 . 0 . 0
TP-07 15/03/2000 3 . 1 . 0
Editorial 15/03/2000 3 . 1 . 1
TP-08 23/06/2000 3 . 2 . 0
TP-09 16/10/2000 3 . 3 . 0
TP-11 27/03/2001 3 . 4 . 0

WG (prime / other): T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
[get it](#) *remarks - this release:*
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.060 General Packet Radio Service (GPRS) Service description; Stage 2

R99 *current version:* 3.13.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* SULTAN, Alain

history (event, available, version,

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	

TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-05	13/10/1999	3	.	1	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-07	15/03/2000	3	.	2	.	0	get it	<i>remarks - this release:</i>
NP-08	23/06/2000	3	.	3	.	0	get it	

TS 23.067 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
NP-07	15/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>
NP-10	21/12/2000	3	.	2	.	0	get it	
NP-12	27/06/2001	3	.	3	.	0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.072 Call Deflection Supplementary Service; Stage 2

R99 current version: 3.3.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0

WG (prime / other): N4 / - rapporteur: CONRAD, Alan
G: yes U: yes MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

[get it](#) remarks - this release: .

[get it](#)

[get it](#)

TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.14.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0

WG (prime / other): N2 / - rapporteur: HOMANN, Christian
G: yes U: yes MCC: JURISIC, Andrijana

ALCA TEL SEL AG

[get it](#) remarks - general: CR at TSG#4,CR at TSG#5

[get it](#) remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.079 Support of Optimal Routing (SOR); Technical realization; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-03

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

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

[get it](#) *remarks - general:* CR at TSG#4,CR at TSG#5

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: SP-03

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
edito	06/06/2000	3	.	0	.	1
NP-08	23/06/2000	3	.	1	.	0
NP-17	24/09/2002	3	.	2	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: SP-03

G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
NP-09	26/10/2000	3	.	4	.	0
NP-10	21/12/2000	3	.	5	.	0
NP-12	27/06/2001	3	.	6	.	0
NP-16	21/06/2002	3	.	7	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 2 . 0	get it				

TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 2 . 0	get it				

TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 06/06/2000 3 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 1 . 0	get it				

TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 06/06/2000 3 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-09 26/10/2000 3 . 1 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* CROOK, Mick ORANGE PCS LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 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 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 07/11/2000 3 . 2 . 0 [get it](#)

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TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999 3 . 0 . 0	get it		remarks - general:		
	NP-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	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-06	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	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	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999 3 . 0 . 0	get it		remarks - general:		
	edito 06/06/2000 3 . 0 . 1	get it		remarks - this release:	.	
<hr/>						
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,					
	NP-05 13/10/1999 3 . 0 . 1	get it		remarks - general:	Transfer>TSG#4,CR at TSG#5	
	NP-06 17/12/1999 3 . 1 . 0	get it		remarks - this release:		
	NP-07 15/03/2000 3 . 1 . 1	get it				

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TS 23.101	General UMTS Architecture					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-04		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	First complete	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		
<hr/>						
TS 23.107	Quality of Service (QoS) concept and architecture					
R99	<i>current version:</i> 3.9.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>					
	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		
<hr/>						
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)					
R99	<i>current version:</i> 3.2.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> SP-04		<i>G:</i> yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-03	23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.	
	NP-05	13/10/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>	
	NP-04	23/06/1999	3 . 0 . 0	get it		
	NP-06	17/12/1999	3 . 1 . 0	get it		
	NP-07	15/03/2000	3 . 2 . 0	get it		

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TS 23.110 UMTS Access Stratum Services and Functions

R99 current version: 3.4.0
freeze_meeting: SP-07

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND
G: yes U: yes MCC: SULTAN, Alain

history (event, available, version,
draft 15/02/1997 0 . 3 . 0
Transfer to SP S2 04/03/1999 0 . 3 . 1
SP-03 23/04/1999 3 . 1 . 0
SP-05 13/10/1999 3 . 2 . 0
SP-06 17/12/1999 3 . 3 . 0
SP-07 15/03/2000 3 . 4 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0
freeze_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new One
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,
NP-04 30/04/1999 0 . 0 . 0
NP-06 17/12/1999 1 . 0 . 0
NP-07 15/03/2000 3 . 0 . 0
NP-12 27/06/2001 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

[get it](#) remarks - general: New after TSG#5
[get it](#) remarks - this release:
[get it](#)
[get it](#)

TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0
freeze_meeting: SP-07

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,
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
[get it](#)
[get it](#)
[get it](#)
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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
G: yes U: yes MCC: SULTAN, Alain

Lucent Technologies Network Systems UK

history (event, available, version,
First complete 23/04/1999 0 . 0 . 0
SP-03 23/04/1999 1 . 0 . 0
draft 01/06/1999 1 . 0 . 1
draft 20/06/1999 2 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 1 . 0
SP-06 17/12/1999 3 . 2 . 0
SP-07 15/03/2000 3 . 3 . 0
SP-09 19/10/2000 3 . 4 . 0
SP-10 20/12/2000 3 . 5 . 0
edito 01/02/2001 3 . 5 . 1
SP-16 18/06/2002 3 . 6 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 current version: 3.8.0
freeze_meeting: SP-03

WG (prime / other): N1 / - rapporteur: HIETALAHTI, Hannu NOKIA Corporation
G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
editorial correction 10/02/2000 3 . 1 . 1
NP-07 15/03/2000 3 . 2 . 0
NP-08 23/06/2000 3 . 3 . 0
NP-09 06/10/2000 3 . 4 . 0
edito 24/10/2000 3 . 4 . 1
edito 02/11/2000 3 . 4 . 2
NP-10 02/01/2001 3 . 5 . 0
NP-11 11/04/2001 3 . 6 . 0
NP-12 05/07/2001 3 . 7 . 0
NP-17 17/09/2002 3 . 8 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release: Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in
June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to
undo erroneously incorporated CR.
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, ERICSSON RESEARCH CA NADA
freeze_meeting: SP-07 *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,
SP-05 13/10/1999 0 . 3 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.
SP-07 2 . 0 . 0 SP-000089 *remarks - this release:*
SP-07 17/12/1999 3 . 0 . 0 [get it](#)
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-09 06/11/2000 3 . 2 . 0 [get it](#)
SP-10 21/12/2000 3 . 3 . 0 [get it](#)
SP-12 29/06/2001 3 . 4 . 0 [get it](#)

TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-07 15/03/2000 1 . 1 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 0 . 0 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-09 25/10/2000 3 . 2 . 0 [get it](#)

TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
TP-07 15/03/2000 2 . 0 . 0 TP-000028 [get it](#)
Editorial 15/03/2000 3 . 0 . 1 [get it](#)
TP-16 24/06/2002 3 . 1 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

R99 *current version:* 3.9.0 *freeze_meeting:* SP-07
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:*
SP-07 2 . 0 . 0 SP-000090
SP-07 15/03/2000 3 . 0 . 0 [get it](#)
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-10 21/12/2000 3 . 2 . 0 [get it](#)
SP-11 11/04/2001 3 . 3 . 0 [get it](#)
SP-12 29/06/2001 3 . 4 . 0 [get it](#)
SP-13 15/10/2001 3 . 5 . 0 [get it](#)
SP-14 07/01/2002 3 . 6 . 0 [get it](#)
SP-15 29/03/2002 3 . 7 . 0 [get it](#)
SP-16 18/06/2002 3 . 8 . 0 [get it](#)
SP-17 24/09/2002 3 . 9 . 0 [get it](#)

WG (prime / other): S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
G: U: yes *MCC:* SULTAN, Alain

TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 *current version:* 3.1.0 *freeze_meeting:* SP-06
history (event, available, version,
NP-05 08/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
NP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:* TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.
editorial (!) 24/01/2000 3 . 1 . 0 [get it](#)

WG (prime / other): N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited
G: U: yes *MCC:* JORGENSEN, Per Johan

TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1 *freeze_meeting:* SP-04
history (event, available, version,
NP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
NP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
edito 02/05/2000 3 . 0 . 1 [get it](#)

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

G = required in systems with GERAN acces; U = required in systems with UMTS

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TR 23.909 Technical report on the Gateway Location Register

R99 *current version:* 3.0.1
freeze_meeting: SP-04

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
Chalmers
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 0 . 0 . 0
NP-04 23/06/1999 3 . 0 . 0
edito 03/05/2000 3 . 0 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

TR 23.910 Circuit switched data bearer services

R99 *current version:* 3.6.0
freeze_meeting: SP-07

WG (prime / other): N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,
NP-04 23/06/1999 0 . 0 . 0
NP-05 13/10/1999 0 . 1 . 0
NP-06 17/12/1999 1 . 0 . 0
NP-07 2 . 0 . 0
NP-07 15/03/2000 3 . 0 . 0
NP-08 23/06/2000 3 . 1 . 0
NP-09 18/10/2000 3 . 2 . 0
NP-10 22/12/2000 3 . 3 . 0
NP-11 06/04/2001 3 . 4 . 0
NP-12 28/06/2001 3 . 5 . 0
NP-17 17/09/2002 3 . 6 . 0

[get it](#) *remarks - general:* 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
[get it](#) *remarks - this release:*
[get it](#)

TR 23.911 Technical report on Out-of-band transcoder control

R99 *current version:* 3.0.1
freeze_meeting: SP-05

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
Creation of WI by 13/10/1999 0 . 0 . 1
WG/TB
NP-05 13/10/1999 3 . 0 . 0
edito 02/05/2000 3 . 0 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger				
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALA INEN, Kimmo	
	<i>history (event, available, version,</i>				
	Creation of WI by	13/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i>
	WG/TB				<i>remarks - this release:</i> .
	NP-05	13/10/1999	3 . 0 . 0	get it	
	edito	02/05/2000	3 . 0 . 1	get it	
	edito	09/05/2000	3 . 0 . 2	get it	
	NP-14	10/01/2002	3 . 1 . 0	get it	
<hr/>					
TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN				
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TELIA AB
	<i>freeze_meeting:</i> SP-06		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain	
	<i>history (event, available, version,</i>				
	SP-03	23/04/1999	0 . 5 . 0	get it	<i>remarks - general:</i>
	SP-04	23/06/1999	0 . 6 . 0	get it	<i>remarks - this release:</i> July 2001: (Sultan) contents out of date. Replaced by 23.228.
	SP-05	15/10/1999	1 . 0 . 0	get it	
	SP-06	05/06/2000	3 . 0 . 0	get it	
<hr/>					
TR 23.925	UMTS Core network based ATM transport				
R99	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-06		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain	
	<i>history (event, available, version,</i>				
	Table of Contents	22/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i> Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.
	and Scope				<i>remarks - this release:</i> .
	SP-03	23/04/1999	0 . 2 . 0	get it	
<hr/>					
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> SULTAN, Alain	
	<i>history (event, available, version,</i>				
	Table of Contents	15/11/1997	0 . 1 . 1	get it	<i>remarks - general:</i>
	and Scope				<i>remarks - this release:</i> .
	First complete	01/04/1999	1 . 0 . 0	get it	
	SP-03	23/04/1999	1 . 2 . 1	get it	
	SP-04	23/06/1999	3 . 0 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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TR 23.972 Circuit switched multimedia telephony

R99 current version: 3.0.0
freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

Start of work	21/10/1999	0	.	0	.	1
N1-08	21/10/1999	0	.	0	.	2
N1-09	09/12/1999	0	.	0	.	3
N1-08 revision	29/10/1999	0	.	0	.	3
NP-07	15/03/2000	3	.	0	.	0

[get it](#) remarks - general: New after TSG#5. Minor title change TSG#7.
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)

R99 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

R99 current version: 3.1.0
freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-07	17/03/2000	3	.	0	.	0
NP-10	02/01/2001	3	.	1	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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,

NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
edito	25/04/2000	3	.	3	.	1
NP-08	23/06/2000	3	.	4	.	0
NP-09	06/10/2000	3	.	5	.	0
NP-10	02/01/2001	3	.	6	.	0
NP-11	11/04/2001	3	.	7	.	0
NP-14	04/01/2002	3	.	8	.	0
NP-16	24/06/2002	3	.	9	.	0

[get it](#) remarks - general: Transfer>TSG#4,CR at TSG#5
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3

R99 current version: 3.13.0
freeze_meeting: SP-03

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0	get it	remarks - general:	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
NP-04	23/06/1999	3	.	0	.	0	get it	remarks - this release:	be resolved till Jun00.
NP-05	13/10/1999	3	.	1	.	0	get it		
NP-06	27/12/1999	3	.	2	.	0	get it		
editorial correction	04/01/2000	3	.	2	.	1	get it		
NP-07	15/03/2000	3	.	3	.	0	get it		
edito	25/04/2000	3	.	3	.	1	get it		
NP-08	23/06/2000	3	.	4	.	0	get it		
Editorial	23/06/2000	3	.	4	.	1	get it		
NP-09	06/10/2000	3	.	5	.	0	get it		
NP-10	03/01/2001	3	.	6	.	0	get it		
NP-11	06/04/2001	3	.	7	.	0	get it		
edito	06/07/2001	3	.	7	.	1	get it		
NP-12	13/07/2001	3	.	8	.	0	get it		
NP-13	03/10/2001	3	.	9	.	0	get it		
NP-14	11/01/2002	3	.	10	.	0	get it		
NP-15	22/03/2002	3	.	11	.	0	get it		
NP-16	24/06/2002	3	.	12	.	0	get it		
NP-17	17/09/2002	3	.	13	.	0	get it		

TS 24.010 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R99 current version: 3.2.0
freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
G: yes U: yes MCC: Peter Skov
KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it	remarks - general:	
NP-08	23/06/2000	3	.	1	.	0	get it	remarks - this release:	
NP-14	10/01/2002	3	.	2	.	0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
R99	<i>current version:</i> 3.6.0		<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-05			Peter Skov					
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	NP-05 13/10/1999	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: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</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)					
	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: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</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

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TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3	. 0	. 0	get it	remarks - general:
	NP-10 21/12/2000	3	. 1	. 0	get it	remarks - this release:
	NP-12 27/06/2001	3	. 2	. 0	get it	
<hr/>						
TS 24.072	Call Deflection Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3	. 0	. 0	get it	remarks - general:
						remarks - this release: .
<hr/>						
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
R99	current version: 3.7.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3	. 0	. 0	get it	remarks - general:
	NP-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	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-03 23/04/1999	3	. 0	. 0	get it	remarks - general:
	NP-08 23/06/2000	3	. 1	. 0	get it	remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
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TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE Group Plc		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG		
	freeze_meeting: SP-03	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0				get it	remarks - general: remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0				get it	<i>remarks - general:</i> <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	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0				get it	<i>remarks - general:</i> <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,</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	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0				get it	<i>remarks - general:</i> <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	SIEMENS AG		
	<i>freeze_meeting:</i> SP-03	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 24.096 Name Identification Supplementary Service; Stage 3

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,
NP-07 15/03/2000 3 . 0 . 0
NP-08 23/06/2000 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo
G: U: yes *MCC:* KYMALAINEN, Kimmo NTT COMWARE Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
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

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.102 UTRA (UE) TDD; Radio transmission and reception

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-17	02/10/2002	3	.	12	.	0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 UTRA (BS) FDD; Radio transmission and reception

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	13/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.105 UTRA (BS) TDD: Radio transmission and reception

R99 *current version:* 3.11.0

freeze_meeting: SP-05

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0

WG (prime / other): R4 / - *rapporteur:* KOTTKAMP, Meik SIEMENS AG

G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 *current version:* 3.5.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry

G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.123 Requirements for support of radio resource management (TDD)

R99 current version: 3.11.0

freeze_meeting: SP-06

history (event, available, version,

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
edito	27/04/2000	3	.	1	.	1
RP-08	23/06/2000	3	.	2	.	0
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	03/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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TS 25.133 Requirements for support of radio resource management (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-06

history (event, available, version,

RP-06	17/12/1999	3	.	0	.	0
RP-07	17/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	18/10/2000	3	.	3	.	0
RP-10	09/01/2001	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	17/01/2002	3	.	8	.	0
RP-15	19/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base station conformance testing (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-06

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	1
First complete	23/04/1999	0	.	1	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	1	.	0	.	0
RP-05	13/10/1999	2	.	0	.	2
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	09/01/2001	3	.	4	.	1
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base station conformance testing (TDD)

R99 *current version:* 3.11.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0

WG (prime / other): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG

G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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remarks - this release:

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TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents	16/10/1998	0	.	0	.	0
and Scope						
First complete	15/02/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	0	.	2
RP-08	23/06/2000	3	.	1	.	0
RP-14	09/01/2002	3	.	2	.	0
RP-15	29/03/2002	3	.	3	.	0
RP-16	28/06/2002	3	.	4	.	0

WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation

G: *U:* yes *MCC:* SASAKI, Tsukasa

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remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)								
R99	<i>current version: 3.12.0</i>								
	<i>freeze_meeting: SP-05</i>								
	<i>history (event, available, version,</i>								
Table of Contents	04/02/1999	0	.	0	.	0			
and Scope							get it	<i>remarks - general:</i>	
First complete	04/03/1999	1	.	0	.	0		<i>remarks - this release:</i>	
RP-03	23/04/1999	2	.	0	.	0	get it		
RP-04	23/06/1999	2	.	1	.	0	get it		
RP-05	13/10/1999	3	.	0	.	0	get it		
RP-06	12/12/1999	3	.	1	.	0	get it		
RP-07	15/03/2000	3	.	2	.	0	get it		
RP-08	23/06/2000	3	.	3	.	0	get it		
RP-09	18/10/2000	3	.	4	.	0	get it		
RP-10	22/12/2000	3	.	5	.	0	get it		
RP-11	05/04/2001	3	.	6	.	0	get it		
RP-12	28/06/2001	3	.	7	.	0	get it		
RP-13	08/10/2001	3	.	8	.	0	get it		
RP-14	09/01/2002	3	.	9	.	0	get it		
RP-15	29/03/2002	3	.	10	.	0	get it		
RP-16	28/06/2002	3	.	11	.	0	get it		
RP-17	27/09/2002	3	.	12	.	0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-12	28/06/2001	3	.	6	.	0
RP-13	08/10/2001	3	.	7	.	0
RP-14	09/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	28/06/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / - rapporteur: TANAKA, Yoshinori Fujitsu Limited
G: U: yes MCC: SASAKI, Tsukasa

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TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.8.0

freeze_meeting: SP-05

history (event, available, version,

draft	04/02/1999	0	.	0	.	0
draft	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	28/06/2001	3	.	6	.	0
RP-14	09/01/2002	3	.	7	.	0
RP-16	28/06/2002	3	.	8	.	0

WG (prime / other): R1 / - rapporteur: CHAMBERS, Peter SIEMENS AG
G: U: yes MCC: SASAKI, Tsukasa

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

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TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99	<i>current version:</i> 3.11.0	WG (prime / other):	R1	/ -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd
	<i>freeze_meeting:</i> SP-05	G:	U: yes		<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version,</i>							
Table of Contents	04/02/1999	0	.	0	.	0	
and Scope							
RP-03	23/04/1999	1	.	0	.	0	
RP-04	23/06/1999	1	.	1	.	0	
RP-05	13/10/1999	3	.	0	.	0	
RP-06	12/12/1999	3	.	1	.	0	
RP-07	15/03/2000	3	.	2	.	0	
RP-08	23/06/2000	3	.	3	.	0	
RP-09	18/10/2000	3	.	4	.	0	
RP-10	22/12/2000	3	.	5	.	0	
RP-11	05/04/2001	3	.	6	.	0	
RP-12	28/06/2001	3	.	7	.	0	
RP-13	08/10/2001	3	.	8	.	0	
RP-14	09/01/2002	3	.	9	.	0	
RP-15	29/03/2002	3	.	10	.	0	
RP-17	27/09/2002	3	.	11	.	0	

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remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.222 Multiplexing and channel coding (TDD)

R99 *current version:* 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	2	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
edito	03/05/2000	3	.	2	.	1
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-13	08/10/2001	3	.	7	.	0
RP-15	29/03/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0
RP-17	27/09/2002	3	.	10	.	0

WG (prime / other): R1 / - *rapporteur:* KAHTAVA, Jussi
G: *U:* yes *MCC:* SASAKI, Tsukasa

Nokia Japan Co. Ltd

[get it](#) *remarks - general:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05
history (event, available, version,

Creation of WI by WG/TB	15/01/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	28/06/2001	3	.	6	.	0
RP-13	08/10/2001	3	.	7	.	0
RP-15	29/03/2002	3	.	8	.	0

WG (prime / other): R1 / - *rapporteur:* VACANT,
G: U: yes MCC: SASAKI, Tsukasa

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TS 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05
history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
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

WG (prime / other): R1 / - *rapporteur:* OESTREICH, Stefan
G: U: yes MCC: SASAKI, Tsukasa SIEMENS AG

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.11.0
freeze_meeting: SP-05
history (event, available, version,

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu NEC Corporation
G: *U:* yes *MCC:* SASAKI, Tsukasa

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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TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.11.0
freeze_meeting: SP-03
history (event, available, version,

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0
WG approval 16/04/1999 2 . 0 . 0
RP-03 23/04/1999 3 . 0 . 0
RP-04 23/06/1999 3 . 1 . 0
RP-05 13/10/1999 3 . 2 . 0
RP-06 17/12/1999 3 . 3 . 0
RP-07 15/03/2000 3 . 4 . 0
RP-08 30/06/2000 3 . 5 . 0
RP-09 16/10/2000 3 . 6 . 0
RP-11 27/03/2001 3 . 7 . 0
RP-12 19/06/2001 3 . 8 . 0
RP-14 04/01/2002 3 . 9 . 0
RP-16 17/06/2002 3 . 10 . 0
RP-17 18/09/2002 3 . 11 . 0

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 *current version:* 3.14.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope
First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 3 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 4 . 0

RP-08 23/06/2000 3 . 5 . 0

RP-09 16/10/2000 3 . 6 . 0

RP-10 20/12/2000 3 . 7 . 0

RP-11 27/03/2001 3 . 8 . 0

RP-12 19/06/2001 3 . 9 . 0

RP-13 02/10/2001 3 . 10 . 0

RP-14 04/01/2002 3 . 11 . 0

RP-15 19/03/2002 3 . 12 . 0

RP-16 17/06/2002 3 . 13 . 0

RP-17 18/09/2002 3 . 14 . 0

WG (prime / other): R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* ARZELIER, Claude

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remarks - general:

V3.0.0 approved via e-mail July 99 CR at TSG#5?

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.303 Interlayer procedures in Connected Mode

R99 *current version:* 3.12.0

freeze_meeting: SP-04

history (event, available, version,

Table of Contents and Scope	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	16/10/2000	3	.	5	.	0
RP-10	20/12/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-13	02/10/2001	3	.	9	.	0
RP-14	04/01/2002	3	.	10	.	0
RP-15	19/03/2002	3	.	11	.	0
RP-16	17/06/2002	3	.	12	.	0

WG (prime / other): R2 / - *rapporteur:* RINNE, Mikko J
G: U: yes *MCC:* ARZELIER, Claude

Nokia Research Center

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remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

R99 *current version:* 3.11.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

Start of work	15/01/1999	0	.	1	.	1
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	2	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	16/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	27/06/2001	3	.	7	.	0
RP-13	02/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	19/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0

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remarks - general:

remarks - this release:

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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,

RP-05	13/10/1999	1	.	4	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	16/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	27/03/2001	3	.	5	.	0
RP-12	19/06/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0

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remarks - general:

Created from 25.923

remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.6.0
freeze_meeting: SP-10
history (event, available, version,

WG (prime / other): R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
G: *U:* yes *MCC:* ARZELIER, Claude

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

[get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.
[get it](#) *remarks - this release:* Converted from TR 25.926 v3.2.0 Nov 00.
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TS 25.307 Requirements on UEs supporting a release-independent frequency band

R99 *current version:* 3.1.0
freeze_meeting: RP-13
history (event, available, version,

WG (prime / other): R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

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? -

[get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling
[get it](#) *remarks - this release:* Expect continual updates each time a new band is allowed. requirements, R4 = RF &

RMM 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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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.321 Medium Access Control (MAC) protocol specification

R99 current version: 3.13.0

freeze_meeting: TP-04

history (event, available, version,

Table of Contents	04/02/1999	0	.	0	.	0
and Scope						
draft	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	16/10/2000	3	.	5	.	0
RP-10	20/12/2000	3	.	6	.	0
RP-11	27/03/2001	3	.	7	.	0
RP-12	19/06/2001	3	.	8	.	0
RP-13	02/10/2001	3	.	9	.	0
RP-14	04/01/2002	3	.	10	.	0
RP-15	19/03/2002	3	.	11	.	0
RP-16	17/06/2002	3	.	12	.	0
RP-17	18/09/2002	3	.	13	.	0

WG (prime / other): R2 / - rapporteur: GESSNER, Christina
G: U: yes MCC: ARZELIER, Claude SIEMENS AG

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remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

R99 current version: 3.12.0
freeze_meeting: SP-05

WG (prime / other): R2 / - rapporteur: MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
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

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remarks - this release:

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TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 current version: 3.10.0
freeze_meeting: SP-06

WG (prime / other): R2 / - rapporteur: HANS, Martin SIEMENS AG
G: U: yes MCC: ARZELIER, Claude

history (event, available, version,
RP-05 13/10/1999 0 . 1 . 0
RP-06 17/12/1999 3 . 0 . 0
RP-07 15/03/2000 3 . 1 . 0
RP-08 23/06/2000 3 . 2 . 0
RP-09 06/10/2000 3 . 3 . 0
RP-11 27/03/2001 3 . 4 . 0
RP-12 19/06/2001 3 . 5 . 0
RP-13 02/10/2001 3 . 6 . 0
RP-14 04/01/2002 3 . 7 . 0
RP-15 19/03/2002 3 . 8 . 0
RP-16 17/06/2002 3 . 9 . 0
RP-17 18/09/2002 3 . 10 . 0

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remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.324 Broadcast/Multicast Control (BMC)

R99 current version: 3.5.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R2 / - rapporteur: HARTL, Mike Vodafone D2 GmbH
G: U: yes MCC: ARZELIER, Claude

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

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TS 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.12.0
freeze_meeting: SP-05
history (event, available, version,

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd
G: U: yes MCC: ARZELIER, Claude

Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0
RP-04 23/06/1999 1 . 1 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 06/10/2000 3 . 4 . 0
removal of CR 06/10/2000 3 . 4 . 1
RP-10 21/12/2000 3 . 5 . 0
RP-11 27/03/2001 3 . 6 . 0
RP-12 27/06/2001 3 . 7 . 0
RP-13 01/10/2001 3 . 8 . 0
RP-14 04/01/2002 3 . 9 . 0
RP-15 25/03/2002 3 . 10 . 0
RP-16 17/06/2002 3 . 11 . 0
RP-17 18/09/2002 3 . 12 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.401 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,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0
RP-04 23/06/1999 1 . 1 . 1
RP-05 13/10/1999 3 . 0 . 0
RP-06 17/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 05/10/2000 3 . 4 . 0
RP-10 21/12/2000 3 . 5 . 0
RP-11 06/04/2001 3 . 6 . 0
RP-12 06/07/2001 3 . 7 . 0
RP-13 12/10/2001 3 . 8 . 0
RP-15 02/04/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0

[get it](#) *remarks - general:* Approval at TSG#5
remarks - this release:
[get it](#)
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TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.10.0
freeze_meeting: SP-06

WG (prime / other): R3 / - *rapporteur:* PIOLINI, Flavio Indicate persons who left Company and wait for new
G: *U:* yes *MCC:* KRAUSE, Joern One

history (event, available, version,
RP-05 13/10/1999 0 . 0 . 1
RP-06 17/12/1999 3 . 0 . 0
RP-07 17/03/2000 3 . 1 . 0
RP-08 23/06/2000 3 . 2 . 0
RP-09 05/10/2000 3 . 3 . 0
RP-10 22/12/2000 3 . 4 . 0
RP-11 06/04/2001 3 . 5 . 0
RP-12 06/07/2001 3 . 6 . 0
RP-13 12/10/2001 3 . 7 . 0
RP-14 11/01/2002 3 . 8 . 0
RP-15 02/04/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0

[get it](#) *remarks - general:* New
remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 *current version:* 3.8.0
freeze_meeting: SP-05

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mm02 plc
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 04/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 0 . 2 . 1
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-10 21/12/2000 3 . 3 . 0
RP-12 06/07/2001 3 . 4 . 0
RP-13 12/10/2001 3 . 5 . 0
RP-14 11/01/2002 3 . 6 . 0
RP-16 28/06/2002 3 . 7 . 0
RP-17 30/09/2002 3 . 8 . 0

[get it](#) *remarks - general:* Approval at TSG#5
remarks - this release:
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TS 25.411 UTRAN Iu interface layer 1

R99 *current version:* 3.5.0
freeze_meeting: SP-04

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0
TB adoption of WI 15/01/1999 0 . 0 . 0
Creation of WI by 15/01/1999 0 . 0 . 0
WG/TB
RP-04 23/06/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-10 21/12/2000 3 . 3 . 0
RP-11 06/04/2001 3 . 4 . 0
RP-12 06/07/2001 3 . 5 . 0

[get it](#) *remarks - general:*
remarks - this release:
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G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.412 UTRAN Iu interface signalling transport

R99 current version: 3.6.0

freeze_meeting: SP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 17/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 05/10/2000 3 . 5 . 0

RP-10 21/12/2000 3 . 6 . 0

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran

G: U: yes MCC: KRAUSE, Joern

RadioScape Limited

[get it](#) remarks - general:
remarks - this release:

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TS 25.413 UTRAN Iu interface RANAP signalling

R99 current version: 3.11.1

freeze_meeting: SP-06

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 0 . 2

RP-05 13/10/1999 1 . 3 . 1

RP-06 17/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 05/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 06/04/2001 3 . 5 . 0

RP-12 06/07/2001 3 . 6 . 0

RP-13 12/10/2001 3 . 7 . 0

RP-14 14/01/2002 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 05/07/2002 3 . 10 . 0

RP-17 30/09/2002 3 . 11 . 0

edito post RP-17 03/10/2002 3 . 11 . 1

WG (prime / other): R3 / - rapporteur: JUSSILA, Jyrki

G: U: yes MCC: KRAUSE, Joern

NOKIA Corporation

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.414 UTRAN lu interface data transport & transport signalling

R99 current version: 3.11.0

freeze_meeting: SP-04

history (event, available, version,

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

WG (prime / other): R3 / - rapporteur: COMSTOCK, David
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

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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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

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[get it](#) remarks - this release:
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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

history (event, available, version,

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn
G: U: yes MCC: KRAUSE, Joern

MOTOROLA Ltd

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 acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran
G: *U:* yes *MCC:* KRAUSE, Joern

RadioScape Limited

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V.
G: *U:* yes *MCC:* KRAUSE, Joern

SIEMENS AG

RP-03 23/04/1999 0 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-11 06/04/2001 3 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 25.422 UTRAN Iur interface signalling transport

R99 *current version:* 3.6.1
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran
G: *U:* yes *MCC:* KRAUSE, Joern

RadioScape Limited

WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0
RP-06 12/12/1999 3 . 2 . 0
RP-07 15/03/2000 3 . 3 . 0
RP-08 23/06/2000 3 . 4 . 0
edito 05/10/2000 3 . 4 . 1
RP-10 21/12/2000 3 . 5 . 0
RP-14 11/01/2002 3 . 6 . 0
edito post RP-14 02/04/2002 3 . 6 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.423 UTRAN Iur interface RNSAP signalling

R99 current version: 3.11.0

freeze_meeting: SP-06

history (event, available, version,

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

WG (prime / other): R3 / -

G: U: yes

rapporteur: RUNE, Göran

MCC: KRAUSE, Joern

Ericsson AB

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remarks - general:

remarks - this release:

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TS 25.424 UTRAN Iur interface data transport & transport signalling for CCH data streams

R99 current version: 3.9.0

freeze_meeting: SP-04

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-05	13/10/1999	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-14	11/01/2002	3	.	7	.	0
RP-15	02/04/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0

WG (prime / other): R3 / -

G: U: yes

rapporteur: DREVON, Nicolas

MCC: KRAUSE, Joern

ALCATEL S.A.

[get it](#)

remarks - general:

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.425 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,

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	

TS 25.426 UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* KEKKI, Sami NOKIA Corporation
freeze_meeting: SP-04 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0		get it	<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-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	

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.427 UTRAN Iur and Iub interface user plane protocols for DCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* LONGONI, Fabio NOKIA TELECOMMUNICATIONS FINLAND
freeze_meeting: SP-05 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version,

RP-03	23/04/1999	0	.	1	.	0	get it	<i>remarks - general:</i>
RP-04	23/06/1999	0	.	2	.	1	get it	<i>remarks - this release:</i>
RP-05	13/10/1999	3	.	0	.	0	get it	
RP-06	12/12/1999	3	.	1	.	0	get it	
RP-07	15/03/2000	3	.	2	.	0	get it	
RP-08	23/06/2000	3	.	3	.	0	get it	
RP-09	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	

TS 25.430 UTRAN Iub Interface: General Aspects and Principles

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited
freeze_meeting: SP-06 *G:* U: yes *MCC:* KRAUSE, Joern

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0	get it	<i>remarks - general:</i>
RP-03	23/04/1999	0	.	1	.	0	get it	<i>remarks - this release:</i>
RP-04	23/06/1999	0	.	1	.	2	get it	
RP-05	13/10/1999	2	.	0	.	0	get it	
RP-06	12/12/1999	3	.	0	.	0	get it	
RP-07	15/03/2000	3	.	1	.	0	get it	
RP-08	23/06/2000	3	.	2	.	0	get it	
RP-09	05/10/2000	3	.	3	.	0	get it	
RP-10	21/12/2000	3	.	4	.	0	get it	
RP-11	06/04/2001	3	.	5	.	0	get it	
RP-12	06/07/2001	3	.	6	.	0	get it	
RP-14	11/01/2002	3	.	7	.	0	get it	
RP-16	28/06/2002	3	.	8	.	0	get it	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0
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

WG (prime / other): R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 1 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* WILSON, Mick FUJITSU Laboratories of Europe Limited
G: *U:* yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems w ith UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.11.0

freeze_meeting: SP-06

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0

WG (prime / other): R3 / - rapporteur: ISHIKAWA, Nobutaka NTT DoCoMo Inc
G: U: yes MCC: KRAUSE, Joern

[get it](#) remarks - general:
[get it](#) remarks - this release:
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[get it](#)

TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 current version: 3.8.0

freeze_meeting: SP-04

history (event, available, version,

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

WG (prime / other): R3 / - rapporteur: ALDEN, Magnus TELIA AB
G: U: yes MCC: KRAUSE, Joern

[get it](#) remarks - general:
[get it](#) remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams					
R99	<i>current version:</i> 3.10.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	RP-03 23/04/1999	0 . 1 . 0		get it	<i>remarks - general:</i>	
	RP-04 23/06/1999	0 . 2 . 1		get it	<i>remarks - this release:</i>	
	RP-05 13/10/1999	3 . 0 . 0		get it		
	RP-06 12/12/1999	3 . 1 . 0		get it		
	RP-07 15/03/2000	3 . 2 . 0		get it		
	RP-08 23/06/2000	3 . 3 . 0		get it		
	RP-09 10/10/2000	3 . 4 . 0		get it		
	RP-10 21/12/2000	3 . 5 . 0		get it		
	RP-11 06/04/2001	3 . 6 . 0		get it		
	RP-12 06/07/2001	3 . 7 . 0		get it		
	RP-13 12/10/2001	3 . 8 . 0		get it		
	RP-14 11/01/2002	3 . 9 . 0		get it		
	RP-15 02/04/2002	3 . 10 . 0		get it		

TS 25.442	UTRAN implementation-specific O&M transport					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-05		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	RP-03 23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-04 23/06/1999	0 . 0 . 2		get it	<i>remarks - this release:</i>	
	RP-05 13/10/1999	3 . 0 . 0		get it		
	RP-07 15/03/2000	3 . 1 . 0		get it		

TR 25.831	Study Items for future release	DRAFT				
R99	<i>current version:</i> 0.0.2		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas		ALCATEL S.A.
	<i>freeze_meeting:</i> SP-06		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>		<i>U:</i> yes			
	RP-03 23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-04 23/06/1999	0 . 0 . 2		get it	<i>remarks - this release:</i> .	

G = required in systems with GERAN acces; U = required in systems with UMTS

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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> U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>				
	First complete 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> U: yes	<i>MCC:</i> SASAKI, Tsukasa	
	<i>history (event, available, version,</i>				
	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> U: yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>				
	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 acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.921 Guidelines and principles for protocol description and error handling

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* KALLA, Gairm NOKIA UK Ltd
freeze_meeting: SP-06 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0 [get it](#) *remarks - general:*
and Scope *remarks - this release:*
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](#)

TR 25.922 Radio Resource Management Strategies

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* BULDORINI, Andrea Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
First complete 04/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 0 . 1 . 1 [get it](#) *remarks - this release:*
RP-04 23/06/1999 0 . 2 . 0 [get it](#)
RP-05 13/10/1999 0 . 5 . 0 [get it](#)
RP-06 12/12/1999 3 . 0 . 0 [get it](#)
RP-07 15/03/2000 3 . 1 . 0 [get it](#)
RP-08 23/06/2000 3 . 2 . 0 [get it](#)
RP-09 16/10/2000 3 . 3 . 0 [get it](#)
RP-10 20/12/2000 3 . 4 . 0 [get it](#)
RP-11 27/03/2001 3 . 5 . 0 [get it](#)
RP-13 02/10/2001 3 . 6 . 0 [get it](#)
RP-15 19/03/2002 3 . 7 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 *current version:* 3.4.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R2 / - *rapporteur:* KRISCHAN, Peter
G: *U:* yes *MCC:* ARZELIER, Claude Vodafone D2 GmbH

First complete 04/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 0 . 2
RP-04 23/06/1999 0 . 1 . 0
RP-05 13/10/1999 0 . 2 . 0
RP-06 21/12/1999 3 . 0 . 0
RP-07 15/03/2000 3 . 1 . 0
RP-09 06/10/2000 3 . 2 . 0
RP-10 20/12/2000 3 . 3 . 0
RP-11 27/03/2001 3 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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[get it](#)
[get it](#)

TR 25.931 UTRAN Functions, examples on signalling procedures

R99 *current version:* 3.7.0
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* KRAUSE, Joern

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-000125
RP-08 23/06/2000 3 . 0 . 0
RP-09 05/10/2000 3 . 1 . 0
RP-10 21/12/2000 3 . 2 . 0
RP-11 06/04/2001 3 . 3 . 0
RP-12 05/07/2001 3 . 4 . 0
RP-14 11/01/2002 3 . 5 . 0
RP-15 02/04/2002 3 . 6 . 0
RP-16 28/06/2002 3 . 7 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure								
R99	current version: 3.1.0			WG (prime / other): R4 / -	rapporteur: TAKAMI, Tadao	NTT DoCoMo Inc			
	freeze_meeting: RP-06			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0	. 1	get it	remarks - general:			
	RP-04 23/06/1999	1	. 0	. 0	get it	remarks - this release:			
	RP-05 13/10/1999	3	. 0	. 0	get it				
	RP-06 17/12/1999	3	. 1	. 0	get it				

TR 25.942	RF system scenarios								
R99	current version: 3.3.0			WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	Vodafone Omnitel SpA			
	freeze_meeting: SP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0	. 2	get it	remarks - general: Additional rapporteur = A.De Pasquale.			
	RP-04 23/06/1999	1	. 0	. 0	get it	remarks - this release:			
	RP-05 13/10/1999	2	. 0	. 0	get it				
	RP-06 12/12/1999	2	. 1	. 1	get it				
	RP-07 15/03/2000	2	. 1	. 3	get it				
	RP-09 26/10/2000	2	. 3	. 0	get it				
	RP-11 10/04/2001	3	. 0	. 0	get it				
	RP-12 03/07/2001	3	. 1	. 0	get it				
	RP-14 14/01/2002	3	. 2	. 0	get it				
	RP-16 03/07/2002	3	. 3	. 0	get it				

TR 25.944	Channel coding and multiplexing examples								
R99	current version: 3.5.0			WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation			
	freeze_meeting: SP-07			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version,								
	editor's draft 25/11/1999	0	. 0	. 1	get it	remarks - general: Created Jan 2000 (aka R1.04)			
	R1-09 15/12/1999	1	. 0	. 0	get it	remarks - this release:			
	RP-07 16/03/2000	3	. 0	. 0	get it				
	RP-08 23/06/2000	3	. 1	. 0	get it				
	RP-09 18/10/2000	3	. 2	. 0	get it				
	RP-10 22/12/2000	3	. 3	. 0	get it				
	RP-11 06/04/2001	3	. 4	. 0	get it				
	edito 10/04/2001	3	. 4	. 1	get it				
	RP-12 28/06/2001	3	. 5	. 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.993 Typical examples of RABs and RBs supported by UTRA

R99 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* ARZELIER, Claude

remarks - general:
remarks - this release: Pointer to latest release version.

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
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)

TS 26.073 AMR speech Codec; C-source code

R99 *current version:* 3.3.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

SP-04 23/06/1999 0 . 1 . 0
SP-03 23/04/1999 0 . 1 . 0
SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
SP-07 15/03/2000 3 . 1 . 0
SP-11 10/04/2001 3 . 2 . 0
SP-14 09/01/2002 3 . 3 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1
freeze_meeting: SP-06

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0
SP-04 23/06/1999 1 . 0 . 0
SP-05 13/10/1999 2 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
Test sequences 02/02/2000 3 . 0 . 1
available
Test sequences 14/09/2000 3 . 0 . 2
corrected
SP-11 10/04/2001 3 . 1 . 0
corrected test 04/07/2001 3 . 1 . 1

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0
freeze_meeting: SP-04

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0
freeze_meeting: SP-04

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels				
R99	current version: 3.0.1	WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson	
	freeze_meeting: SP-04	G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,				
	SP-03 26/04/1999	1 . 0 . 0	get it	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999	3 . 0 . 0	get it	remarks - this release: .	
	SP-05 13/10/1999	3 . 0 . 1	get it		
<hr/>					
TS 26.093	AMR speech Codec; Source Controlled Rate operation				
R99	current version: 3.3.0	WG (prime / other): S4 / -	rapporteur: EKUDDEN, Erik	Telefon AB LM Ericsson	
	freeze_meeting: SP-04	G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,				
	SP-03 26/04/1999	1 . 0 . 0	get it	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999	3 . 0 . 0	get it	remarks - this release:	
	SP-05 13/10/1999	3 . 0 . 1	get it		
	SP-06 17/12/1999	3 . 1 . 0	get it		
	SP-08 28/06/2000	3 . 2 . 0	get it		
	SP-10 21/12/2000	3 . 3 . 0	get it		
<hr/>					
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels				
R99	current version: 3.0.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: SP-05	G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,				
	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	WG (prime / other): S4 / -	rapporteur: HAGQVIST, Jari	NOKIA Corporation	
	freeze_meeting: SP-06	G: U: yes	MCC: USAI, Paolino		
	history (event, available, version,				
	SP-03 26/04/1999	1 . 0 . 0	get it	remarks - general:	
	SP-04 23/06/1999	1 . 2 . 0	get it	remarks - this release:	
	SP-05 13/10/1999	1 . 4 . 0	get it		
	SP-06 17/12/1999	3 . 0 . 0	get it		
	SP-07 15/03/2000	3 . 1 . 0	get it		
	SP-12 01/08/2001	3 . 2 . 0	get it		
	SP-15 28/03/2002	3 . 3 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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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,					
	SP-03 26/04/1999	0 . 2 . 0		get it	remarks - general:	
	SP-06 17/12/1999	3 . 0 . 0		get it	remarks - this release:	
	SP-07 15/03/2000	3 . 1 . 0		get it		
	SP-10 12/12/2000	3 . 2 . 0		get it		
	SP-11 10/04/2001	3 . 3 . 0		get it		
<hr/>						
TS 26.103	Speech codec list for GSM and UMTS					
R99	current version: 3.2.0		WG (prime / other): S4 / -	rapporteur: HELLWIG, Karl		Telefon AB LM Ericsson
	freeze_meeting: SP-06		G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,					
	SP-06 17/12/1999	3 . 0 . 0		get it	remarks - general: New after TSG#5	
	SP-14 09/01/2002	3 . 1 . 0		get it	remarks - this release: .	
	SP-16 28/06/2002	3 . 2 . 0		get it		
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
R99	current version: 3.4.0		WG (prime / other): S4 / -	rapporteur: USAI, Paolino		Telecom Italia Lab S.p.A.
	freeze_meeting: SP-07		G: yes U: yes	MCC: USAI, Paolino		
	history (event, available, version,					
	SP-06 17/12/1999	0 . 1 . 0		get it	remarks - general:	
	SP-07 15/03/2000	0 . 3 . 0	SP-000022	get it	remarks - this release:	
	SP-08 28/06/2000	3 . 0 . 0		get it		
	SP-10 21/12/2000	3 . 1 . 0		get it		
	SP-12 27/06/2001	3 . 2 . 0		get it		
	bug fix 29/06/2001	3 . 2 . 1		get it		
	SP-13 02/10/2001	3 . 3 . 0		get it		
	SP-15 28/03/2002	3 . 4 . 0		get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 26.110 Codec for circuit switched multimedia telephony service; General description

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 1 [get it](#)
SP-11 04/07/2001 3 . 1 . 0 [get it](#)

TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#5
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 2 [get it](#)
SP-06 15/12/1999 3 . 1 . 0 [get it](#)
SP-08 28/06/2000 3 . 2 . 0 [get it](#)
SP-09 10/10/2000 3 . 3 . 0 [get it](#)
SP-10 21/12/2000 3 . 4 . 0 [get it](#)

TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-13 02/10/2001 3 . 3 . 0 [get it](#)
SP-17 24/09/2002 3 . 4 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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,</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,</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,</i>					
	SP-03 26/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i>		
	SP-04 23/06/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>		
	SP-07 15/03/2000	3 . 0 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0
freeze_meeting: SP-07
history (event, available, version,
Creation of WI by 02/02/2000 0 . 0 . 1
WG/TB
SP-07 17/03/2000 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.
[get it](#) *remarks - this release:* No Rel-4 version. Became 26.115.

TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec

R99 *current version:* 3.1.0
freeze_meeting: SP-11
history (event, available, version,
SP-06 17/12/1999 1 . 0 . 0
SP-07 17/03/2000 1 . 1 . 0
SP-11 31/03/2001 3 . 0 . 0
SP-13 05/10/2001 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
[get it](#) *remarks - this release:* was 26.075;
[get it](#)
[get it](#)

R99

27 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 3.11.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-06 17/12/1999 3 . 3 . 0
NP-07 15/03/2000 3 . 4 . 0
NP-08 23/06/2000 3 . 5 . 0
NP-09 23/10/2000 3 . 6 . 0
NP-10 04/01/2001 3 . 7 . 0
NP-11 05/04/2001 3 . 8 . 0
NP-12 04/07/2001 3 . 9 . 0
NP-13 10/10/2001 3 . 10 . 0
NP-17 17/09/2002 3 . 11 . 0

WG (prime / other): N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[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

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Server ACTIVE specs R99 27 .- series
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TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it <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:* WIIK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it <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,

TP-03	28/04/1999	1	.	0	.	0	get it <i>remarks - general:</i>
TP-04	18/06/1999	3	.	0	.	0	get it <i>remarks - this release:</i> .
TP-06	17/12/1999	3	.	1	.	0	get it
TP-16	25/06/2002	3	.	2	.	0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.007 AT command set for 3G User Equipment (UE)

R99 *current version:* 3.11.0

freeze_meeting: SP-04

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0

WG (prime / other): T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson

G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[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

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute

G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services						
R99	<i>current version:</i> 3.7.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna		MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-03		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>						
	NP-03 23/04/1999	3 . 0 . 0		get it	<i>remarks - general:</i> GPRS		
	NP-04 23/06/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-05 13/10/1999	3 . 2 . 0		get it			
	NP-06 17/12/1999	3 . 3 . 0		get it			
	NP-07 15/03/2000	3 . 4 . 0		get it			
	NP-11 06/04/2001	3 . 5 . 0		get it			
	NP-16 24/06/2002	3 . 6 . 0		get it			
	NP-17 17/09/2002	3 . 7 . 0		get it			

TS 27.103	Wide Area Network Synchronization						
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan		NOKIA UK Ltd	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>						
	TP-05 08/10/1999	3 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-09 16/10/2000	3 . 1 . 0		get it	<i>remarks - this release:</i> TSG#8:3.1.0 but this CR not impementable.		

TR 27.901	Report on Terminal Interfaces - An Overview						
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas		ERICSSON MOBILE COMMUNICATIONS AB	
	<i>freeze_meeting:</i> SP-06		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>						
	TP-03 23/04/1999	0 . 0 . 1		get it	<i>remarks - general:</i>		
	TP-04 18/06/1999	1 . 0 . 0		get it	<i>remarks - this release:</i> .		
	TP-05 08/10/1999	1 . 0 . 1		get it			
	TP-06 completed 17/12/1999	3 . 0 . 0		get it			
	TP-15 26/03/2002	3 . 1 . 0		get it			

TR 27.903	Discussion of synchronization standards						
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> LOCKHART, Rob		Motorola Inc.	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>						
	TP-03 23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-05 08/10/1999	3 . 0 . 0		get it	<i>remarks - this release:</i> .		

G = required in systems with GERAN access; U = required in systems with UMTS

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R99 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.14.0

freeze_meeting: SP-03

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-04 23/06/1999 3 . 1 . 0

NP-05 13/10/1999 3 . 2 . 0

NP-06 17/12/1999 3 . 3 . 0

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

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone								
R99	<i>current version:</i> 3.10.0			<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-03			<i>G: yes U: yes</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-03 23/04/1999	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		

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>3.9.0 WG (prime / other):</i> N4	<i>/-</i>	<i>rapporteur:</i> KYMALAINEN, Kimmo			
	SONERA Corporation								
	<i>freeze_meeting:</i> SP-05			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 29.011 Signalling Interworking for Supplementary Services

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99 *current version:* 3.0.0
freeze_meeting: SP-05
history (event, available, version,
NP-04 23/06/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-09 06/10/2000 3 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 3.10.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-09 23/10/2000 3 . 4 . 0
edito 31/10/2000 3 . 4 . 1
NP-10 02/01/2001 3 . 5 . 0
NP-11 06/04/2001 3 . 6 . 0
NP-13 03/10/2001 3 . 7 . 0
NP-14 04/01/2002 3 . 8 . 0
NP-15 21/03/2002 3 . 9 . 0
NP-16 26/06/2002 3 . 10 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
R99	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-04 23/06/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-05 13/10/1999 3 . 2 . 0	get it			
	NP-06 15/12/1999 3 . 3 . 0	get it			
	NP-07 15/03/2000 3 . 4 . 0	get it			
	NP-08 23/06/2000 3 . 5 . 0	get it			
	NP-10 28/09/2000 3 . 6 . 0	get it			
	NP-10 21/12/2000 3 . 7 . 0	get it			
	NP-11 30/03/2001 3 . 8 . 0	get it			
	NP-12 04/07/2001 3 . 9 . 0	get it			
	NP-13 03/10/2001 3 . 10 . 0	get it			
	NP-14 11/01/2002 3 . 11 . 0	get it			
	NP-15 28/03/2002 3 . 12 . 0	get it			
	NP-16 21/06/2002 3 . 13 . 0	get it			
	NP-17 18/09/2002 3 . 14 . 0	get it			

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)				
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "General Packet Radio Service (GPRS); Interworking between the	
	NP-04 23/06/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>	Public Land Mobile Network (PLMN) supporting GPRS and Packet".	
	NP-06 15/12/1999 3 . 2 . 0	get it			
	NP-07 15/03/2000 3 . 3 . 0	get it			
	NP-09 12/10/2000 3 . 4 . 0	get it			
	NP-11 06/04/2001 3 . 5 . 0	get it			
	NP-12 28/06/2001 3 . 6 . 0	get it			
	NP-13 12/10/2001 3 . 7 . 0	get it			
	NP-14 14/01/2002 3 . 8 . 0	get it			
	NP-15 20/03/2002 3 . 9 . 0	get it			
	NP-16 03/07/2002 3 . 10 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.13.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	NP-04 30/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3	
	NP-06 17/12/1999	3 . 2 . 0	get it		
	NP-07 15/03/2000	3 . 3 . 0	get it		
	NP-08 23/06/2000	3 . 4 . 0	get it		
	Editorial 23/06/2000	3 . 4 . 1	get it		
	NP-09 10/10/2000	3 . 5 . 0	get it		
	NP-10 05/01/2001	3 . 6 . 0	get it		
	NP-11 29/03/2001	3 . 7 . 0	get it		
	NP-12 03/07/2001	3 . 8 . 0	get it		
	NP-13 03/10/2001	3 . 9 . 0	get it		
	NP-14 04/01/2002	3 . 10 . 0	get it		
	NP-15 19/03/2002	3 . 11 . 0	get it		
	NP-16 17/06/2002	3 . 12 . 0	get it		
	NP-17 17/09/2002	3 . 13 . 0	get it		

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>				
	RP-08	2 . 0 . 0		<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)	
	RP-08 30/06/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>	
	RP-10 20/12/2000	3 . 1 . 0	get it		
	RP-13 12/10/2001	3 . 2 . 0	get it		

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited	
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-04 27/05/1999	0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5	
	NP-06 15/12/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>	
	NP-07 15/03/2000	3 . 0 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-04 27/05/1999 0 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
	NP-06 15/12/1999 1 . 0 . 0	get it	<i>remarks - this release:</i>			
	NP-07 15/03/2000 3 . 0 . 0	get it				
	NP-09 25/10/2000 3 . 1 . 0	get it				

TS 29.198	Open Service Architecture (OSI) Application Programming Interface (API) - Part 1					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N5 / -	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	NP-07 13/03/2000 1 . 0 . 0	get it	<i>remarks - general:</i> OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.			
	NP-08 23/06/2000 3 . 0 . 0	get it	<i>remarks - this release:</i>			
	NP-09 09/10/2000 3 . 1 . 0	get it				
	NP-10 03/01/2001 3 . 2 . 0	get it				
	NP-11 28/03/2001 3 . 3 . 0	get it				
	NP-12 29/06/2001 3 . 4 . 0	get it				

TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i>		Peter Skov			
	<i>history (event, available, version,</i>	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan			
	NP-16 26/06/2002 3 . 0 . 0	get it	<i>remarks - general:</i> 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
			<i>remarks - this release:</i> . latest Release version.			

G = required in systems with GERAN access; U = required in systems with UMTS

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TR 29.998 Open Services Architecture API part 2

R99 *current version:* 3.2.0

freeze_meeting: SP-08

history (event, available, version,

NP-07	13/03/2000	1	.	0	.	0
NP-08	23/06/2000	3	.	0	.	0
NP-09	08/10/2000	3	.	1	.	0
NP-10	03/01/2001	3	.	2	.	0

WG (prime / other): N5 / - *rapporteur:* MOERDIJK, Ard-Jan

G: U: yes *MCC:* ZOICAS, Adrian

Telefon AB LM Ericsson

[get it](#) *remarks - general:* OSA subgroup

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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Server ACTIVE specs R99 30 .- series
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TR 30.531 Work Plan and Study Items - RAN WG3

R99 current version: 0.9.3 DRAFT
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn MOTOROLA Ltd
G: U: yes MCC: KRAUSE, Joern

draft	15/02/1999	0	.	0	.	1	get it	remarks - general:
draft	15/03/1999	0	.	0	.	2	get it	remarks - this release:
draft	15/04/1999	0	.	0	.	3	get it	
RP-03	23/04/1999	0	.	1	.	0	get it	
draft	15/05/1999	0	.	1	.	1	get it	
RP-04	23/06/1999	0	.	1	.	2	get it	
RP-05	13/10/1999	0	.	3	.	1	get it	
draft	30/10/1999	0	.	3	.	2	get it	
draft	15/11/1999	0	.	4	.	0	get it	
draft	30/11/1999	0	.	4	.	1	get it	
RP-06	12/12/1999	0	.	5	.	0	get it	
draft	15/01/2000	0	.	5	.	1	get it	
draft	15/02/2000	0	.	6	.	0	get it	
draft	20/02/2000	0	.	6	.	1	get it	
RP-07	15/03/2000	0	.	7	.	0	get it	RP-000142
draft	30/03/2000	0	.	7	.	1	get it	
RP-08	23/06/2000	0	.	8	.	0	get it	
RP-09	15/08/2000	0	.	8	.	1	get it	
RP-09	03/10/2000	0	.	8	.	2	get it	
RP-10		0	.	8	.	5	get it	RP-000688
draft	21/12/2000	0	.	8	.	6	get it	
RP-11	27/03/2001	0	.	8	.	8	get it	
RP-12	05/07/2001	0	.	9	.	0	get it	RP-010388
RP-13	01/10/2001	0	.	9	.	2	get it	RP-010604
draft	23/11/2001	0	.	9	.	3	get it	R3-013076

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Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101 UICC-terminal interface; Physical and logical characteristics

R99 current version: 3.3.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): T3 / SCP rapporteur: VESTERGAARD, Peter NOKIA UK Ltd
G: U: yes MCC: DIETZE, Claus

TP-03 23/04/1999 0 . 0 . 0
TP-04 23/06/1999 0 . 5 . 0

[get it](#) remarks - general: Contents is a reference to ETSI TR 102 221.
[get it](#) remarks - this release: TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.

TP-05 08/10/1999 1 . 0 . 0
TP-06 17/12/1999 3 . 0 . 0
TP-07 15/03/2000 3 . 1 . 0 completion target
TP-08 06/02/2000 3 . 2 . 0
TP-09 18/10/2000 3 . 3 . 0

[get it](#)
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[get it](#)
[get it](#)

TS 31.102 Characteristics of the USIM Application

R99 current version: 3.10.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): T3 / - rapporteur: HEIM, Christian GIESECKE & DEVRIENT GmbH
G: U: yes MCC: DIETZE, Claus

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

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)

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

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 31 .- series
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TS 31.110 Numbering system for telecommunication IC card applications

R99 *current version:* 3.2.0
freeze_meeting: SP-06

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian SchlumbergerSema - Schlumberger Systèmes S.A
G: U: yes *MCC:* DIETZE, Claus

history (event, available, version,
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
[get it](#) *remarks - this release:* 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
[get it](#) 101 220.

TS 31.111 USIM Application Toolkit (USAT)

R99 *current version:* 3.8.0
freeze_meeting: SP-07

WG (prime / other): T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
G: yes *U:* yes *MCC:* DIETZE, Claus One

history (event, available, version,
TP-06 17/12/1999 1 . 0 . 0
TP-07 15/03/2000 3 . 0 . 0
TP-08 23/06/2000 3 . 1 . 0
TP-09 18/10/2000 3 . 2 . 0
TP-10 05/01/2001 3 . 3 . 0
TP-11 09/04/2001 3 . 4 . 0
TP-12 06/07/2001 3 . 5 . 0
TP-13 12/10/2001 3 . 6 . 0
TP-14 16/01/2002 3 . 7 . 0
TP-16 28/06/2002 3 . 8 . 0

[get it](#) *remarks - general:* To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 31.120 UICC-terminal interface; Physical, electrical and logical test specification

R99 *current version:* 3.0.0
freeze_meeting: SP-08

WG (prime / other): T3 / - *rapporteur:* MAESER, Torsten ORGA Kartensysteme GmbH
G: U: yes *MCC:* DIETZE, Claus

history (event, available, version,
TP-09 18/10/2000 1 . 0 . 0
TP-10 05/01/2001 3 . 0 . 0

[get it](#) *remarks - general:* based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP
[get it](#) *remarks - this release:* TP-11:moved to ETSI-SCP. TP-12: reinstated.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 31 .- series
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TS 31.121 UICC-terminal interface; USIM application test specification

R99 current version: 3.3.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): T3 / - rapporteur: AFCHAR, Ramin VODAFONE Group Plc
G: U: yes MCC: DIETZE, Claus

TP-09 18/10/2000 1 . 0 . 0
TP-10 05/01/2001 3 . 0 . 0
TP-12 06/07/2001 3 . 1 . 0
TP-16 19/06/2002 3 . 2 . 0
TP-17 18/09/2002 3 . 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

R99 current version: 3.4.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): T3 / - rapporteur: KNIGHT, Simon ASPECTS Software Ltd
G: U: yes MCC: DIETZE, Claus

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

[get it](#) remarks - general: based on R99 core spec; was originally 31.121 but renumbered which 31.120 was
[get it](#) remarks - this release: split into two parts
[get it](#)
[get it](#)
[get it](#)

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Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005	Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain				
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-06 17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>	
	SP-08 23/06/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>	
	correct 10/10/2000	3 . 2 . 0	get it		
<i>implementation of</i>					
<i>previous CR</i>					
	SP-10 21/12/2000	3 . 3 . 0	get it		
	edito 22/01/2001	3 . 3 . 1	get it		
	SP-11 05/04/2001	3 . 4 . 0	get it		
	SP-13 05/10/2001	3 . 5 . 0	get it		
	SP-15 26/03/2002	3 . 6 . 0	get it		
<hr/>					
TS 32.015	Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain				
R99	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-06 17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>	
	SP-07 17/03/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>	
	Editorial 17/03/2000	3 . 1 . 1	get it		
	SP-08 23/06/2000	3 . 2 . 0	get it		
	SP-09 10/10/2000	3 . 3 . 0	get it		
	SP-10 21/12/2000	3 . 4 . 0	get it		
	SP-11 05/04/2001	3 . 5 . 0	get it		
	SP-12 03/07/2001	3 . 6 . 0	get it		
	SP-13 05/10/2001	3 . 7 . 0	get it		
	SP-14 11/01/2002	3 . 8 . 0	get it		
	SP-15 26/03/2002	3 . 9 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
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TS 32.101 Telecommunication management; Principles and high level requirements

R99 *current version:* 3.4.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-03	26/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>
SP-05	13/10/1999	1	.	2	.	0	get it	<i>remarks - this release:</i>
SP-06	17/12/1999	3	.	0	.	0	get it	
SP-07	17/03/2000	3	.	1	.	0	get it	
Editorial	17/03/2000	3	.	1	.	1	get it	
SP-08	23/06/2000	3	.	2	.	0	get it	
SP-10	21/12/2000	3	.	3	.	0	get it	
SP-11	05/10/2001	3	.	4	.	0	get it	

TS 32.102 Telecommunication management; Architecture

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

Creation of WI by	26/04/1999	0	.	0	.	0	get it	<i>remarks - general:</i>
WG/TB								<i>remarks - this release:</i>
SP-03	26/04/1999	1	.	0	.	0	get it	
SP-05	13/10/1999	1	.	2	.	0	get it	
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	

TS 32.104 3G Performance Management

R99 *current version:* 3.5.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i>
SP-06	17/12/1999	3	.	0	.	0	get it	<i>remarks - this release:</i>
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-09	10/10/2000	3	.	3	.	0	get it	
SP-10	21/12/2000	3	.	4	.	0	get it	
SP-14	11/01/2002	3	.	5	.	0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	SP-08: 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 17/03/2000	3 . 0 . 0	get it						
	Editorial 17/03/2000	3 . 0 . 1	get it						
	SP-08 23/06/2000	3 . 1 . 0	get it		split into parts				
<hr/>									
TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-08: split into 23/06/2000	3 . 1 . 0	get it	<i>remarks - general:</i>	TSG#8: split into eight parts				
	parts			<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1				
	SP-10 21/12/2000	3 . 2 . 0	get it						
	SP-11 05/04/2001	3 . 3 . 0	get it						
<hr/>									
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-08: split into 23/06/2000	3 . 1 . 0	get it	<i>remarks - general:</i>	TSG#8: split into eight parts				
	parts			<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1				
	SP-10 21/12/2000	3 . 2 . 0	get it						
	SP-11 05/04/2001	3 . 3 . 0	get it						
<hr/>									
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point; CMIP Solution Set Version 1:1								
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-08: split into 23/06/2000	3 . 1 . 0	get it	<i>remarks - general:</i>	TSG#8: split into eight parts				
	parts			<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1				
	SP-14 11/01/2002	3 . 2 . 0	get it						
	editorial after 18/09/2002	3 . 2 . 1	get it						
	SP-17								

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TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including R99 current version: NRM) version 1	3.2.0	WG (prime / other):	S5	/-	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting: SP-10		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	draft 10/10/2000	1 . 0 . 1		get it	remarks - general:	TSG#8: split into eight parts		
	SP-10 21/12/2000	3 . 0 . 0		get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)		
	SP-11 05/04/2001	3 . 1 . 0		get it				
	SP-12 03/07/2001	3 . 2 . 0		get it				

TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1		WG (prime / other):	S5 / -	rapporteur:	ZHOU, Di	SIEMENS AG	
	freeze_meeting: SP-10		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	draft 31/10/2000	0 . 1 . 0		get it	remarks - general:	TSG#8: split into eight parts		
	SP-10 14/12/2000	3 . 0 . 0		get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)		
	SP-11 05/04/2001	3 . 1 . 0		get it				
	SP-12 04/07/2001	3 . 2 . 0		get it				
	SP-13 05/10/2001	3 . 3 . 0		get it				

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1		WG (prime / other):	S5 / -	rapporteur:	POLLAKOWSKI, Olaf	SIEMENS AG	
	freeze_meeting: SP-10		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	draft 31/10/2000	0 . 1 . 0		get it	remarks - general:	TSG#8: split into eight parts		
	SP-10 21/12/2000	3 . 0 . 0		get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)		
	SP-11 05/04/2001	3 . 1 . 0		get it				
	SP-12 03/07/2001	3 . 2 . 0		get it				
	SP-14 11/01/2002	3 . 3 . 0		get it				

TS 32.106-8	Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects		WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson	
	freeze_meeting: SP-07		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version,							
	SP-08: split into 23/06/2000	3 . 1 . 0		get it	remarks - general:	TSG#8: split into eight parts		
	parts				remarks - this release:	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0		
	SP-12 03/07/2001	3 . 2 . 0		get it				

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TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	get it	
Editorial	17/03/2000	3	.	0	.	1	get it	
SP-08: split into parts	23/06/2000	3	.	1	.	0	get it	
SP-09	10/10/2000	3	.	2	.	0	get it	

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,

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	

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1				
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>	<i>U: yes</i>			
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts	
	SP-06 17/12/1999	1 . 1 . 0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
	SP-07 17/03/2000	3 . 0 . 0	get it		
	Editorial 17/03/2000	3 . 0 . 1	get it		
	SP-08: split into 23/06/2000	3 . 1 . 0	get it		
	parts				
	SP-09 10/10/2000	3 . 2 . 0	get it		
	SP-10 20/12/2000	3 . 3 . 0	get it		
	SP-11 05/04/2001	3 . 4 . 0	get it		
	SP-12 04/07/2001	3 . 5 . 0	get it		
	SP-14 11/01/2002	3 . 6 . 0	get it		

TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set				
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>	<i>U: yes</i>			
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts	
	SP-06 17/12/1999	1 . 1 . 0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
	SP-07 17/03/2000	3 . 0 . 0	get it		
	Editorial 17/03/2000	3 . 0 . 1	get it		
	SP-08: split into 23/06/2000	3 . 1 . 0	get it		
	parts				
	editorial 06/09/2000	3 . 1 . 1	get it		
	SP-14 11/01/2002	3 . 2 . 0	get it		

R99

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Server ACTIVE specs R99 33 .- series
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TS 33.102 3G security; Security architecture

R99 current version: 3.12.0

freeze_meeting: SP-07

history (event, available, version,

Table of Contents and Scope	04/03/1999	0	0	1
First complete	26/03/1999	1	0	0
WG approval	26/03/1999	2	0	0
SP-03	23/04/1999	3	0	0
SP-04	23/06/1999	3	1	0
SP-05	13/10/1999	3	2	0
SP-06	17/12/1999	3	3	0
SP-07	15/03/2000	3	4	0
SP-08	23/06/2000	3	5	0
SP-09	11/10/2000	3	6	0
SP-10	22/12/2000	3	7	0
SP-11	04/04/2001	3	8	0
SP-12	04/07/2001	3	9	0
SP-14	07/01/2002	3	10	0
SP-15	26/03/2002	3	11	0
SP-16	19/06/2002	3	12	0

WG (prime / other): S3 / -
G: U: yes

rapporteur: BLOMMAERT, Marc
MCC: POPE, Maurice

SIEMENS ATEA NV

[get it](#) remarks - general:
remarks - this release:

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TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

history (event, available, version,

SP-04	23/06/1999	1	0	0
SP-05	13/10/1999	3	0	0
SP-06	17/12/1999	3	1	0
SP-07	15/03/2000	3	2	0
SP-08	23/06/2000	3	3	0
SP-09	11/10/2000	3	4	0
SP-11	30/03/2001	3	5	0
SP-12	04/07/2001	3	6	0
SP-13	03/10/2001	3	7	0

WG (prime / other): S3 / -
G: U: yes

rapporteur: BLANCHARD, Colin
MCC: POPE, Maurice

BT Group Plc

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN access; U = required in systems with UMTS

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TS 33.105 Cryptographic Algorithm requirements

R99 *current version:* 3.8.0
freeze_meeting: SP-04
history (event, available, version,

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-08	23/06/2000	3	.	4	.	0
SP-09	11/10/2000	3	.	5	.	0
SP-10	22/12/2000	3	.	6	.	0
SP-11	30/03/2001	3	.	7	.	0
SP-12	04/07/2001	3	.	8	.	0

WG (prime / other): S3 / - *rapporteur:* CHIKAZAWA, Takeshi Mitsubishi Electric Corporation
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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[get it](#)

TS 33.106 Lawful interception requirements

R99 *current version:* 3.1.0
freeze_meeting: SP-08
history (event, available, version,

SP-04	23/06/1999	3	.	0	.	0
SP-06	17/12/1999	3	.	1	.	0

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 33.107 3G security; Lawful interception architecture and functions

R99 *current version:* 3.5.0
freeze_meeting: SP-06
history (event, available, version,

SP-04	23/06/1999	3	.	0	.	0
SP-10	22/12/2000	3	.	1	.	0
SP-11	30/03/2001	3	.	2	.	0
SP-13	03/10/2001	3	.	3	.	0
SP-14	07/01/2002	3	.	4	.	0
SP-15	26/03/2002	3	.	5	.	0

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
G: *U:* yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 33 .- series
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TS 33.120	Security Objectives and Principles								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-03			G: U: yes	MCC: POPE, Maurice				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>				
	Table of Contents	04/03/1999	0	.	0	.	1		
	and Scope				<i>remarks - this release:</i> .				
	First complete	26/03/1999	1	.	0	.	0		
	WG approval	26/03/1999	2	.	0	.	0		
	SP-03	23/04/1999	3	.	0	.	0		
<hr/>									
TR 33.901	Criteria for cryptographic Algorithm design process								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf				Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-04			G: U: yes	MCC: POPE, Maurice				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>				
	SP-03	23/04/1999	0	.	0	.	0		
	SP-04	23/06/1999	3	.	0	.	0		
<hr/>									
TR 33.902	Formal Analysis of the 3G Authentication Protocol								
R99	<i>current version:</i> 3.1.0			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther				SIEMENS AG
	<i>freeze_meeting:</i> SP-05			G: U: yes	MCC: POPE, Maurice				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>				
	SP-05	13/10/1999	3	.	0	.	0		
	SP-06	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>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael				VODAFONE Group Plc
	<i>freeze_meeting:</i> SP-07			G: U: yes	MCC: POPE, Maurice				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049				
	SP-07	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

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing

R99 *current version:* 3.9.0
freeze_meeting: SP-08

WG (prime / other): T1 / - *rapporteur:* CHALABI, Nuhman Anite Telecoms Ltd.
G: *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version,

Start of work		0	.	0	.	1	
TP-07	15/03/2000	1	.	0	.	0	TP-000032
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	

remarks - general:
remarks - this release: TSG#8:aprvl is controversial
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	18/06/1999	0	.	2	.	0
RP-05	08/10/1999	1	.	0	.	0
RP-06	17/12/1999	1	.	0	.	3
next version	03/02/2000	1	.	1	.	0
RP-07	15/03/2000	1	.	2	.	0
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	20/12/2000	3	.	2	.	0
RP-11	27/03/2001	3	.	3	.	0
RP-12	19/06/2001	3	.	4	.	0
RP-15	19/03/2002	3	.	5	.	0
RP-16	17/06/2002	3	.	6	.	0
RP-17	18/09/2002	3	.	7	.	0

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remarks - general: TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
remarks - this release: TSG#9: Stable, so txfered from T1 to R2.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.10.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji
freeze_meeting: SP-07 *G:* U: yes *MCC:* SALMERON, Lidia ADVANTEST Corporation

history (event, available, version,

TP-03	23/04/1999	0	.	0	.	0
TP-04	18/06/1999	1	.	0	.	1
TP-05	08/10/1999	1	.	2	.	0
TP-06	17/12/1999	1	.	5	.	0
TP-07	15/03/2000	2	.	0	.	0
TP-07	15/03/2000	3	.	0	.	0
Editorial	15/03/2000	3	.	0	.	1
TP-08	23/06/2000	3	.	1	.	0
TP-09	05/10/2000	3	.	2	.	0
TP-10	21/12/2000	3	.	3	.	0
TP-11	28/03/2001	3	.	4	.	0
TP-12	18/06/2001	3	.	5	.	0
TP-13	03/10/2001	3	.	6	.	0
TP-14	09/01/2002	3	.	7	.	0
TP-15	20/03/2002	3	.	8	.	0
TP-16	17/06/2002	3	.	9	.	0
TP-17	05/09/2002	3	.	10	.	0

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remarks - general:

[get it](#)

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.122 Terminal Conformance Specification, Radio Transmission and Reception (TDD)

R99	current version: 3.9.0	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,				
TP-04	18/06/1999	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	1 . 2 . 0	get it	
Editorial	15/03/2000	1 . 2 . 1	get it	
TP-08		2 . 0 . 0		
TP-08	23/06/2000	3 . 0 . 0	get it	
edito	28/08/2000	3 . 0 . 1	get it	
TP-09	05/10/2000	3 . 1 . 0	get it	
TP-10	21/12/2000	3 . 2 . 0	get it	
TP-11	28/03/2001	3 . 3 . 0	get it	
TP-12	18/06/2001	3 . 4 . 0	get it	
TP-13	03/10/2001	3 . 5 . 0	get it	
TP-14	09/01/2002	3 . 6 . 0	get it	
TP-15	21/03/2002	3 . 7 . 0	get it	
TP-16	17/06/2002	3 . 8 . 0	get it	
TP-17	05/09/2002	3 . 9 . 0	get it	

TS 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99	current version: 3.5.0	WG (prime / other): T1 / -	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED
	freeze_meeting: SP-08	G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,				
TP-03	23/04/1999	0 . 0 . 0	get it	remarks - general:
TP-05	08/10/1999	0 . 0 . 4	get it	remarks - this release:
TP-06	17/12/1999	1 . 0 . 0	get it	
manicure	23/03/2000	1 . 0 . 1	get it	
TP-08		2 . 0 . 0		
TP-08	23/06/2000	3 . 0 . 0	get it	
TP-09	10/10/2000	3 . 1 . 0	get it	
TP-10	09/01/2001	3 . 2 . 0	get it	
TP-11	28/03/2001	3 . 3 . 0	get it	
TP-12	28/06/2001	3 . 4 . 0	get it	
TP-13	03/10/2001	3 . 5 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99	current version: 3.5.0		WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-10		G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,					
TP-03	23/04/1999	0 . 0 . 1	get it	remarks - general:	
TP-05	08/10/1999	0 . 0 . 6	get it	remarks - this release:	TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).
TP-06	17/12/1999	1 . 0 . 0	get it		
TP-07	15/03/2000	1 . 0 . 1	get it		
TP-09	22/09/2000	2 . 0 . 0	get it		
TP-09	06/10/2000	3 . 1 . 0	get it		
TP-10	09/01/2001	3 . 2 . 0	get it		
TP-11	28/03/2001	3 . 3 . 0	get it		
TP-12	28/06/2001	3 . 4 . 0	get it		
TP-13	04/10/2001	3 . 5 . 0	get it		

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites(ATSs)

R99	current version: 1.0.5	DRAFT	WG (prime / other): T1 / -	rapporteur: HU, Shicheng	ETSI Secretariat
	freeze_meeting: SP-13		G: U: yes	MCC: SALMERON, Lidia	
history (event, available, version,					
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		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.124 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,

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	28/02/2000	2	0	0	get it	
meeting-08						
TP-07		2	0	1		SP-000034
TP-07	15/03/2000	3	0	0	get it	
TP-09	05/10/2000	3	1	0	get it	
RP-10	09/01/2001	3	2	0	get it	
RP-11	05/04/2001	3	3	0	get it	

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: *G:* U: yes *MCC:* SALMERON, Lidia

history (event, available, version,

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
freeze_meeting: SP-05 *G:* U: yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,

TP-03	23/04/1999	1	0	0	get it	<i>remarks - general:</i>
TP-05	08/10/1999	3	0	0	get it	<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.925 Specific Absorption Rate (SAR) requirements and regulations in different regions
R99 *current version:* 3.0.0 *WG (prime / other):* T2 / - *rapporteur:* JOHNSSON, Sven Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
TP-04 18/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .

R99 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications
R99 *current version:* 3.2.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
deliverable yet available *remarks - this release:*
Formatting 12/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)
SP-14 07/01/2002 3 . 2 . 0 [get it](#)

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,
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](#)
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Server ACTIVE specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data
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,
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
deliverable yet available *remarks - this release:*
Formatting 16/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)

TS 35.204 Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data
R99 *current version: 3.1.2* *WG (prime / other): S3 / -* *rapporteur: WALKER, Michael* *VODAFONE Group Plc*
freeze_meeting: SP-07 *G: U: yes* *MCC: POPE, Maurice*
history (event, available, version,
SP-07 17/03/2000 3 . 1 . 0 SAGE only supplied PDF, so no real [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
deliverable yet available *remarks - this release:*
Formatting 12/07/2001 3 . 1 . 1 Sage makes source file available. [get it](#)
IPR, licence text 20/08/2001 3 . 1 . 2 [get it](#)

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04 Abbreviations and acronyms
R98 *current version: 7.0.0* *WG (prime / other): GP / -* *rapporteur: CLAYTON, Michael* *EMCOM Ltd*
freeze_meeting: smg-29 *G: yes U:* *MCC: USAI, Paolino*
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

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>history (event, available, version,</i> smg-25 20/03/1998 7 . 0 . 0 smg-26 26/06/1998 7 . 0 . 1	G: yes U:	MCC: POPE, Maurice		
		get it	<i>remarks - general:</i>		
		get it	<i>remarks - this release:</i>		
<hr/>					
TR 01.33	Lawful Interception requirements for GSM				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH
	<i>history (event, available, version,</i> smg-25 20/03/1998 7 . 0 . 0	G: yes U:	MCC: POPE, Maurice		
		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>history (event, available, version,</i> smg-28 1 . 0 . 0 smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: CLAYTON, Michael		
		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>history (event, available, version,</i> upgrade to R98 04/10/2001 7 . 0 . 0	G: yes U:	MCC: POPE, Maurice		
		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

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release:</i> #28: 7.0.0			
	ETSI publication 13/12/1999 7 . 0 . 2	get it				
<hr/>						
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.04	General on Supplementary Services					
R98	<i>current version:</i> 7.1.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 25/06/1999 7 . 1 . 1	get it				
	ETSI publication 28/12/1999 7 . 1 . 2	get it				
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 29/12/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features								
R98	<i>current version: 7.1.0</i>			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc		
	<i>freeze_meeting: smg-29</i>			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	7	.	0	.	0			
	ETSI publication 03/08/1999	7	.	0	.	1			
	SP-07 15/03/2000	7	.	1	.	0			
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
				get it					
<hr/>									
TS 02.09	Security aspects								
R98	<i>current version: 7.1.1</i>			<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,		Telia Promotor AB		
	<i>freeze_meeting: smg-29</i>			NP	Per				
	<i>history (event, available, version,</i>			<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
	smg-29 25/06/1999	7	.	0	.	0			
	ETSI publication 12/01/2000	7	.	0	.	1			
	smg-31 16/02/2000	7	.	1	.	0			
	ETSI publication 29/08/2000	7	.	1	.	1			
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
				get it					
<hr/>									
TS 02.11	Service Accessibility								
R98	<i>current version: 7.1.0</i>			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom		
	<i>freeze_meeting: smg-29</i>			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1999	7	.	0	.	0			
	ETSI publication 03/08/1999	7	.	0	.	1			
	SP-11 02/04/2001	7	.	1	.	0			
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
				get it					
<hr/>									
TS 02.16	International Mobile Station Equipment Identities (IMEI)								
R98	<i>current version: 7.2.0</i>			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom		
	<i>freeze_meeting: smg-29</i>			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7	.	0	.	0			
	smg-30 11/11/1999	7	.	1	.	0			
	SP-08 23/06/2000	7	.	2	.	0			
				get it	<i>remarks - general:</i>				
				get it	<i>remarks - this release:</i>				
				get it					

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TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R98	<i>current version: 7.1.1</i>	<i>WG (prime / other):</i>	T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-27 16/10/1998 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-29 25/06/1999 7 . 1 . 1			get it		
<hr/>						
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
R98	<i>current version: 7.1.0</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general: SMG9->T3@#31</i>	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
<hr/>						
TS 02.22	Stage 1 for personalisation of GSM ME					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	DURAND, Romain	ALCATEL S.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 02.24	Description of Charge Advice Information (CAI)					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 12/01/2000 7 . 0 . 1			get it	<i>remarks - this release:</i>	
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R98	<i>current version: 7.1.1</i>	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	JEAL, David	VODAFONE Group Plc
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	editorial 19/07/2002 7 . 1 . 1			get it		

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TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-29 25/06/1999 7 . 1 . 1	get it			
<hr/>					
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	draft 26/06/1996 1 . 0 . 0	get it	<i>remarks - general:</i>		
	draft 01/03/1998 2 . 0 . 0	get it	<i>remarks - this release:</i>		
	smg-25 20/03/1998 7 . 0 . 0	get it			
	smg-26 26/06/1998 7 . 1 . 0	get it			
	smg-29 25/06/1999 7 . 1 . 1	get it			
<hr/>					
TS 02.33	Lawful Interception (LI); Stage 1				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-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>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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TS 02.40 R98 Procedures for Call Progress Indications current version: 7.0.1 freeze_meeting: smg-29 history (event, available, version, smg-27 16/10/1998 7 . 0 . 0 edito 28/07/1999 7 . 0 . 1	WG (prime / other): S1 / NP G: yes U: get it remarks - general: get it remarks - this release:	rapporteur: DWYER, Paul MCC: CLAYTON, Michael	NORTEL NETWORKS (EUROPE)
TS 02.41 R98 Operator Determined Barring current version: 7.0.0 freeze_meeting: smg-29 history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	WG (prime / other): S1 / G: yes U: get it remarks - general: remarks - this release:	rapporteur: ..., MCC: CLAYTON, Michael	BUNDESMINISTERIUM FUR WIRTSCHAFT
TS 02.42 R98 Network Identity and Timezone (NITZ); Service Description, Stage 1 current version: 7.0.0 freeze_meeting: smg-29 history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	WG (prime / other): S1 / G: yes U: get it remarks - general: remarks - this release:	rapporteur: GILES, Les MCC: CLAYTON, Michael	Union Internationale des Chemins de Fer
TS 02.43 R98 Support of Localised Service Area (SoLSA); Service description; Stage 1 current version: 7.3.0 freeze_meeting: smg-29 history (event, available, version, smg-27 7 . 0 . 0 smg-28 7 . 1 . 0 SP-05 7 . 2 . 0 SP-08 07/09/2000 7 . 3 . 0	WG (prime / other): S1 / G: yes U: remarks - general: remarks - this release: get it	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation
TS 02.48 R98 Security mechanisms for the SIM Application Toolkit; Stage 1 current version: 7.0.0 freeze_meeting: smg-29 history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	WG (prime / other): T3 / S3 G: yes U: get it remarks - general: SMG9->T3@#31 remarks - this release:	rapporteur: BARNES, Nigel MCC: DIETZE, Claus	MOTOROLA Ltd

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TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
	ETSI publication 16/08/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1				
R98	<i>current version:</i> 7.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.2.0		
	ETSI PE 26/05/1999 7 . 1 . 1	get it			
	smg-29 25/06/1999 7 . 2 . 0	get it			
	ETSI publication 05/09/2000 7 . 2 . 1	get it			
<hr/>					
TS 02.57	Mobile Station Application Execution Environment (MEExE) Service description Stage 1				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 #29: 7.1.0		
<hr/>					
TS 02.60	General Packet Radio Service Stage 1 Description				
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0		
	smg-29 25/06/1999 7 . 2 . 0	get it			
	SP-05 08/10/1999 7 . 3 . 0	get it			
	SP-07 15/03/2000 7 . 4 . 0	get it			
	SP-08 23/06/2000 7 . 5 . 0	get it			

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TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R98
current version: 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - rapporteur: CONRAD, Alan
G: yes U: MCC: CLAYTON, Michael

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:
remarks - this release:

TS 02.66 Support of Mobile Number Portability (MNP); Service description; Stage 1

R98
current version: 7.1.0
freeze_meeting: smg-29
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0
SP-07 15/03/2000 7 . 1 . 0

WG (prime / other): S1 / - rapporteur: VACANT,
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:
[get it](#) remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R98
current version: 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI publication 12/01/2000 7 . 0 . 1

WG (prime / other): S1 / - rapporteur: GILES, Les
G: yes U: MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R98
current version: 7.0.2
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
edito 25/06/1999 7 . 0 . 1
publish EN 300 24/08/2000 7 . 0 . 2
925

WG (prime / other): S1 / - rapporteur: GILES, Les
G: yes U: MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R98
current version: 7.0.2
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 0 . 1
ETSI publication 29/12/1999 7 . 0 . 2

WG (prime / other): S1 / - rapporteur: GILES, Les
G: yes U: MCC: CLAYTON, Michael

Union Internationale des Chemins de Fer

[get it](#) remarks - general:
[get it](#) remarks - this release: #28: 7.0.0
[get it](#)

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TS 02.72	Call Deflection Service description, Stage 1					
R98	current version: 7.2.1	WG (prime / other): S1 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-25 20/03/1998 7 . 0 . 0	get it	remarks - general:			
	smg-27 16/10/1998 7 . 1 . 0	get it	remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0			
	smg-28 12/02/1999 7 . 2 . 0	get it				
	smg-29 25/06/1999 7 . 2 . 1	get it				
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R98	current version: 7.2.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	SP-10 12/01/2001 7 . 1 . 0	get it	remarks - this release:			
	SP-14 14/01/2002 7 . 2 . 0	get it				
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release: #29: 7.0.0			
TS 02.81	Line Identification Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TELIA AB		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release: #29: 7.0.0			
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R98	current version: 7.0.1	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	smg-29 25/06/1999 7 . 0 . 1	get it	remarks - this release: #28: 7.0.0			

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TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general: remarks - this release: #29: 7.0.0	
<hr/>						
TS 02.84	MultiParty (MPTY) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general: remarks - this release: #29: 7.0.0	
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general: remarks - this release: #29: 7.0.0	
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0					
				get it	remarks - general: remarks - this release: #29: 7.0.0	
<hr/>						
TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1					
R98	current version: 7.1.2	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-25 20/03/1998 7 . 0 . 0 smg-28 12/02/1999 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1 ETSI publication 16/12/1999 7 . 1 . 2					
				get it	remarks - general: remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1	
				get it		
				get it		
				get it		
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TS 02.88 Call Barring (CB) Supplementary Services; Stage 1
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - *rapporteur: CONRAD, Alan* T-MOBILE DEUTSCHLAND
G: yes U: *MCC: CLAYTON, Michael*

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - *rapporteur: SLOTTE, Sverre* NOKIA Corporation
G: yes U: *MCC: CLAYTON, Michael*

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.91 Explicit Call Transfer (ECT)
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - *rapporteur: POSTMANN, Erwin* SIEMENS AG
G: yes U: *MCC: CLAYTON, Michael*

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - *rapporteur: CLAYTON, Michael* EMCOM Ltd
G: yes U: *MCC: CLAYTON, Michael*

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - *rapporteur: CLAYTON, Michael* EMCOM Ltd
G: yes U: *MCC: CLAYTON, Michael*

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.96 Name Identification Supplementary Services; Stage 1
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1
R98 *current version: 7.1.0*
freeze_meeting: smg-29
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general: SMG3->SA2 @ TSG#7*
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture
R98 *current version: 7.1.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
SP-06 17/12/1999 7 . 1 . 0

WG (prime / other): S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0 S#6: 7.1.0*

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TS 03.03	Numbering, Addressing and Identification					
R98	<i>current version: 7.7.0</i>		<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc	
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 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.				
<hr/>						
TR 03.05	Technical performance objectives					
R98	<i>current version: 7.0.0</i>		<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999	7 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 03.07	Restoration Procedures					
R98	<i>current version: 7.1.0</i>		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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>	

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:	
	smg-29 25/06/1999 7 . 1 . 0			get it	remarks - this release:	
	NP-06 17/12/1999 7 . 2 . 0			get it		
	NP-07 15/03/2000 7 . 3 . 0			get it		
	NP-09 31/10/2000 7 . 4 . 0			get it		
TS 03.09	Handover Procedures					
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting: smg-29	G: yes U:		MCC:	Rouzbeh	
	history (event, available, version,				JORGENSEN, Per Johan	
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R98	current version: 7.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0			get it	remarks - general:	
	smg-29 26/06/1999 7 . 0 . 1			get it	remarks - this release:	
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI publication 12/01/2000 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	
TS 03.12	Location Registration Procedures					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

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TS 03.13 Discontinuous Reception (DRX) in the GSM System

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: *MCC:* USAI, Paolino

Telecom Italia Lab S.p.A.

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
edito 10/08/1999 7 . 0 . 1

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: *MCC:* JORGENSEN, Per Johan

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #28: 7.0.0*

TS 03.15 Technical Realization of Operator Determined Barring

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David
G: yes U: *MCC:* CHALMERS, Kimmo

VODAFONE LTD

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.16 Subscriber Data Management

R98 *current version: 7.6.0*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
NP-06 15/12/1999 7 . 2 . 0
NP-07 15/03/2000 7 . 3 . 0
NP-09 31/10/2000 7 . 4 . 0
NP-11 02/04/2001 7 . 5 . 0
NP-17 17/09/2002 7 . 6 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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TS 03.18	Basic Call Handling								
R98	current version: 7.4.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David		VODAFONE LTD			
	freeze_meeting: smg-29		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:				
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release:				
	NP-05 08/10/1999	7 . 2 . 0		get it					
	NP-07 15/03/2000	7 . 3 . 0		get it					
	NP-09 31/10/2000	7 . 4 . 0		get it					
<hr/>									
TS 03.19	GSM API for SIM toolkit stage 2								
R98	current version: 7.5.0		WG (prime / other): T3 / -	rapporteur: DIETRICH, Christian		SchlumbergerSema - Schlumberger Systèmes S.A			
	freeze_meeting: smg-29		G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version,								
	smg-28 12/02/1999	1 . 0 . 0		get it	remarks - general: SMG9->T3@#31				
	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - this release:				
	smg-31 16/02/2000	7 . 1 . 0		get it					
	TP-08 23/06/2000	7 . 2 . 0		get it					
	TP-08 28/09/2000	7 . 3 . 0		get it					
	TP-10 07/03/2001	7 . 4 . 0		get it					
	TP-11 27/07/2001	7 . 5 . 0		get it					
<hr/>									
TS 03.20	Security-related Network Functions								
R98	current version: 7.2.0		WG (prime / other): S3 / NP /	rapporteur: NGUYEN NGOC,		France Telecom			
	freeze_meeting: smg-29		GP	Sebastien					
	history (event, available, version,		G: yes U:	MCC: POPE, Maurice					
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:				
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release: #32:7.3.0? - status of CRs unclear.				
	smg-30 11/11/1999	7 . 2 . 0		get it					
									CR at smg-32 would have created 7.3.0, but unclear whether or not

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it		<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	smg-29 25/06/1999 7 . 1 . 0	get it		<i>remarks - this release:</i>	group receive mode".	
	smg-30 11/11/1999 7 . 2 . 0	get it				
	SP-06 15/12/1999 7 . 3 . 0	get it				
	SP-11 11/04/2001 7 . 4 . 0	get it				
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it		<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TELIA AB
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it		<i>remarks - general:</i>		
	smg-31 16/02/2000 7 . 1 . 0	get it		<i>remarks - this release:</i>	#29: 7.0.0 #31:7.1.0	
<hr/>						
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29					
		<i>G: yes U:</i>		<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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.	

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TS 03.32	Universal Geographical Area Description (GAD)				
R98	<i>current version: 7.1.0</i>	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: SULTAN, Alain		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-08 23/06/2000 7 . 1 . 0	get it	<i>remarks - this release: #29: 7.0.0 TSG#8:7.1.0</i>		
<hr/>					
TS 03.33	Lawful Interception; Stage 2				
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0</i>		
	SP-10 21/12/2000 7 . 2 . 0	get it			
<hr/>					
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2				
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.35	Immediate Service Termination (IST); Stage 2				
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 30/10/2001 7 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
TS 03.38	Alphabets and language -specific information				
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0</i>		
	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 *current version: 7.5.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 7 . 2 . 0 [get it](#)
TP-05 08/10/1999 7 . 3 . 0 [get it](#)
TP-06 15/12/1999 7 . 4 . 0 [get it](#)
TP-14 11/01/2002 7 . 5 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 *current version: 7.4.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 15/12/1999 7 . 2 . 0 [get it](#)
TP-07 15/03/2000 7 . 3 . 0 [get it](#)
TP-09 19/10/2000 7 . 4 . 0 [get it](#)

TS 03.42 SMS Compression

R98 *current version: 7.1.1* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
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*
smg-29 25/06/1999 7 . 1 . 1 [get it](#)

TR 03.43 Support of Videotex

R98 *current version: 7.0.0* WG (prime / other): T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: SP-08 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)					
R98	current version: 7.0.0 freeze_meeting: SP-08	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH		
		G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0		get it	remarks - general:		
				remarks - this release:		
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1	G: yes U:	MCC: BOSWARTHICK, David			
			get it	remarks - general:		
			get it	remarks - this release:		
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	history (event, available, version, smg-29 25/06/1999 7 . 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)					
R98	current version: 7.0.0 freeze_meeting: SP-08	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH		
	history (event, available, version, smg-29 25/06/1999 7 . 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					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	G: yes U:	MCC: DIETZE, Claus			
			get it	remarks - general: SMG9->T3@#31		
			get it	remarks - this release:		

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http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R98	current version: 7.0.0 freeze_meeting: SP-08	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	history (event, available, version, 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, 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, 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, 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 acces; U = required in systems with UMTS

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TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI PE 26/05/1999 7 . 0 . 1	get it	<i>remarks - this release:</i> #27: for info #28: 7.0.0 #29: 7.1.0		
	smg-29 25/06/1999 7 . 1 . 0	get it			
	ETSI publication 05/09/2000 7 . 1 . 1	get it			
<hr/>					
TS 03.57	Mobile Station Application Execution Environment (MEEx); Functional description; Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-06 15/12/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0		
	TP-07 15/03/2000 7 . 2 . 0	get it			
<hr/>					
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version:* 7.9.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd
freeze_meeting: smg-29 *G: yes U:* *MCC:* SULTAN, Alain
history (event, available, version,
smg-28 12/02/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI publication 20/01/2000 7 . 1 . 1 [get it](#)
SP-05 08/10/1999 7 . 2 . 0 [get it](#)
SP-06 15/12/1999 7 . 3 . 0 [get it](#)
ETSI publication 07/07/2000 7 . 3 . 1 [get it](#)
SP-07 15/03/2000 7 . 4 . 0 [get it](#)
ETSI publication 22/09/2000 7 . 4 . 1 [get it](#)
SP-09 01/02/2001 7 . 5 . 0 [get it](#)
SP-11 19/04/2001 7 . 6 . 0 [get it](#)
SP-12 29/06/2001 7 . 7 . 0 [get it](#)
SP-14 08/01/2002 7 . 8 . 0 [get it](#)
edito 7 . 8 . 1
SP-17 02/10/2002 7 . 9 . 0 [get it](#)

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version:* 7.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-31 16/02/2000 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version:* 7.1.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.66 Support of GSM Mobile Number Portability (MNP); Stage 2

R98 *current version: 7.3.1*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0

NP-05 08/10/1999 7 . 2 . 0
NP-07 15/03/2000 7 . 3 . 0
ETSI publication 10/10/2000 7 . 3 . 1

WG (prime / other): N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.)*
TSG#7: 7.3.0

[get it](#)
[get it](#)
[get it](#)

TS 03.67 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
NP-07 17/03/2000 7 . 1 . 0
NP-10 21/12/2000 7 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
NP-07 15/12/1999 7 . 1 . 0
NP-09 12/10/2000 7 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0*
[get it](#)

TS 03.69 Voice Broadcast service (VBS); Stage 2

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
NP-07 15/03/2000 7 . 1 . 0
NP-09 12/10/2000 7 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0*
[get it](#)

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98
current version: 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".
remarks - this release: #29: 7.0.0

TS 03.71 Location Services (LCS); Functional description; Stage 2

R98
current version: 7.10.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 1 . 0 . 0
smg-29 25/06/1999 7 . 0 . 0
SA2-06 30/07/1999 7 . 2 . 0
edito 29/12/1999 7 . 2 . 1
smg-31 16/02/2000 7 . 3 . 0
smg-31 bis 17/04/2000 7 . 4 . 0
SP-11 11/04/2001 7 . 5 . 0
SP-12 29/06/2001 7 . 6 . 0
SP-13 15/10/2001 7 . 7 . 0
SP-14 07/01/2002 7 . 8 . 0
SP-15 02/04/2002 7 . 9 . 0
SP-16 17/06/2002 7 . 10 . 0

WG (prime / other): S2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: MCC: SULTAN, Alain

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
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TS 03.72 Call Deflection stage 2

R98
current version: 7.1.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 0 . 1
NP-05 08/10/1999 7 . 1 . 0

WG (prime / other): N4 / - rapporteur: VACANT,
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #28: 7.0.0 TSG#5 7.1.0
[get it](#)

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TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version: 7.2.0* WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #27: for info
smg-30 11/11/1999 7 . 2 . 0 [get it](#)

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version: 7.8.1* WG (prime / other): N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-29 G: yes U: *MCC:* JURISIC, Andrijana
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 16/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
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 21/08/2002 7 . 8 . 1 [get it](#)
to SDLs

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version: 7.3.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 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](#)

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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	SONERA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release: #28: 7.0.0</i>		
<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	SONERA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.87	User-to-user signalling (UUS); Stage 2				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release: #28: 7.0.0</i>		
	ETSI publication 17/12/1999 7 . 0 . 2	get it			
<hr/>					
TS 03.88	Call Barring (CB) supplementary services; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.90	Unstructured Supplementary Service Data (USSD)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mmO2 plc	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.96 Name Identification Supplementary Services; Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.97 Multiple subscriber Profile (MSP); Stage 2
R98 *current version: 7.2.0* WG (prime / other): N4 / - *rapporteur:* HEWSON, Ruth VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 1 . 1 [get it](#)
NP-06 15/12/1999 7 . 2 . 0 [get it](#)

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		get it remarks - general: remarks - this release: #29: 7.0.0
<hr/>					
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 04.04	Layer 1 - General Requirements				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken THOMASEN, Gert	SIEMENS AG	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:
<hr/>					
TS 04.05	Data Link (DL) Layer General Aspects				
R98	current version: 7.1.2 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1 smg-31 16/02/2000 7 . 1 . 0 Editorial correction 16/03/2000 7 . 1 . 1 ETSI publication 22/09/2000 7 . 1 . 2	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: get it get it get it

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version: 7.2.1* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	14/12/1999	7	.	0	.	1
smg-31	16/02/2000	7	.	1	.	0
Editorial correction	16/02/2000	7	.	1	.	1
ETSI publication	29/09/2000	7	.	1	.	2
GP-03	31/01/2001	7	.	2	.	0
edito	31/01/2001	7	.	2	.	1

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

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[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,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	15/12/1999	7	.	3	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.18.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
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

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

[get it](#) remarks - this release: Thomasen (even numbered CRs!)

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Server ACTIVE specs R98 04 .- series
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TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
R98	current version: 7.1.0	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29				Peter Skov	
		G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999					7 . 0 . 0
	smg-29 25/06/1999					7 . 0 . 1
	NP-14 10/01/2002					7 . 1 . 0
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
<hr/>						
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
R98	current version: 7.1.0	WG (prime / other):	N1 / -	rapporteur:	NOBUYUKI, Uda	NTT COMWARE Corporation
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999					7 . 0 . 0
	NP-09 12/10/2000					7 . 1 . 0
		get it		remarks - general:		
		get it		remarks - this release:		
<hr/>						
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
R98	current version: 7.0.1	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-29 25/06/1999					7 . 0 . 0
	ETSI publication 12/01/2000					7 . 0 . 1
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		
<hr/>						
TS 04.13	Performance Requirements on Mobile Radio Interface					
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999					7 . 0 . 0
	ETSI publication 12/01/2000					7 . 0 . 1
		get it		remarks - general:		
		get it		remarks - this release: #29: 7.0.0		

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions							
R98	current version: 7.3.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes	U:	MCC:	THOMASEN, Gert			
	history (event, available, version,							
	smg-29 25/06/1999	7	. 0 . 0	get it	remarks - general:			
	smg-30 11/11/1999	7	. 1 . 0	get it	remarks - this release:			
	smg-32 20/06/2000	7	. 2 . 0	get it				
	GP-10 19/07/2002	7	. 3 . 0	get it				
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface							
R98	current version: 7.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation		
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David			
	history (event, available, version,							
	smg-27 16/10/1998	7	. 0 . 0	get it	remarks - general:			
	edito	7	. 0 . 1		remarks - this release: #27: 7.0.0 TSG#8:7.1.0			
	smg-29 25/06/1999	7	. 0 . 2	get it				
	ETSI publication 14/12/1999	7	. 0 . 3	get it				
	NP-08 21/06/2000	7	. 1 . 0	get it				
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services							
R98	current version: Switching Centre (BSS - MSC) interface	7.1.0		WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert
SIEMENS AG				G: yes	U:		MCC:	BOSWARTHICK, David
	freeze_meeting: smg-29							
	history (event, available, version,							
	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: #28: 7.0.0 TSG#6: 7.1.0			
TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3							
R98	current version: 7.3.0	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							
	smg-30 bis 06/12/1999	7	. 0 . 1	get it	remarks - general:	Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3		
	smg-31 16/02/2000	7	. 1 . 0	get it	remarks - this release:	and the now-closed SS. TSG#7: txfrd to 3GPP for R99. 2001-12-13: G2->N4.		
	SP-08 21/06/2000	7	. 2 . 0	get it				
	NP-14 10/01/2002	7	. 3 . 0	get it				

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TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R98	<i>current version:</i> 7.11.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30	1 . 0 . 0			<i>remarks - general:</i>
	smg-30 bis 06/12/1999	7 . 0 . 1	get it		<i>remarks - this release:</i>
	smg-31 16/02/2000	7 . 1 . 0	get it		
	smg-31 bis 17/04/2000	7 . 2 . 0	get it		
	GP-02 30/11/2000	7 . 3 . 0	get it		
	GP-03 31/01/2001	7 . 4 . 0	get it		
	edito 31/01/2001	7 . 4 . 1	get it		
	GP-04 04/05/2001	7 . 5 . 0	get it		
	GP-05 18/06/2001	7 . 6 . 0	get it		
	GP-06 14/09/2001	7 . 7 . 0	get it		
	GP-07 08/01/2002	7 . 8 . 0	get it		
	GP-08 19/02/2002	7 . 9 . 0	get it		
	GP-09 02/05/2002	7 . 10 . 0	get it		
	GP-10 19/07/2002	7 . 11 . 0	get it		

TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 bis 06/12/1999	7 . 0 . 1	get it		<i>remarks - general:</i>
	smg-31 bis 17/04/2000	7 . 1 . 0	get it		<i>remarks - this release:</i>
	GP-01 11/10/2000	7 . 2 . 0	get it		
	GP-03 31/01/2001	7 . 3 . 0	get it		
	GP-07 08/01/2002	7 . 4 . 0	get it		

TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999	7 . 0 . 0	get it		<i>remarks - general:</i>
	ETSI PE 25/05/1999	7 . 0 . 1	get it		<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0
	smg-29 25/06/1999	7 . 1 . 0	get it		
	ETSI publication 05/09/2000	7 . 1 . 1	get it		

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TS 04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification				
R98	<i>current version:</i> 7.0.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI PE 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			
<hr/>					
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	<i>current version:</i> 7.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 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			
<hr/>					
TS 04.63	Packet Data on Signalling channels Service (PDS) Service Description, Stage 3				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification
R98 *current version: 7.5.0* WG (prime / other): N1 / - *rapporteur:* SALKINTZIS, Apostolis MOTOROLA GmbH
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
SP-06 15/12/1999 7 . 2 . 0 [get it](#)
smg-31 16/02/2000 7 . 3 . 0 [get it](#)
NP-10 02/01/2001 7 . 4 . 0 [get it](#)
NP-14 04/01/2002 7 . 5 . 0 [get it](#)

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R98 *current version: 7.3.0* WG (prime / other): N1 / - *rapporteur:* SALKINTZIS, Apostolis MOTOROLA GmbH
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
post SP-06 15/12/1999 7 . 2 . 0 [get it](#)
smg-31 16/02/2000 7 . 3 . 0 [get it](#)

TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3
R98 *current version: 7.0.1* WG (prime / other): N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: smg-29 G: yes U: MCC: KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:* #29: 7.0.0

TS 04.68 Group Call Control (GCC) Protocol
R98 *current version: 7.2.0* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 7 . 2 . 0 [get it](#)

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Server ACTIVE specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.69	Broadcast Call Control (BCC) protocol					
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	NP-07 15/03/2000 7 . 2 . 0			get it		
<hr/>						
TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification					
R98	<i>current version: 7.5.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	Peter Skov THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 1 . 0 . 0			get it	<i>remarks - general:</i>	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - this release:</i>	
	smg-30 bis 15/12/1999 7 . 1 . 1			get it		
	smg-32 28/06/2000 7 . 2 . 0			get it		
	GP-05 18/06/2001 7 . 3 . 0			get it		
	GP-07 08/01/2002 7 . 4 . 0			get it		
	GP-10 22/07/2002 7 . 5 . 0			get it		
<hr/>						
TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3					
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI publication 30/10/2001 7 . 0 . 1			get it	<i>remarks - this release:</i>	#27: for info #28: 7.0.0
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R98	<i>current version: 7.4.0</i>	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	NP-06 15/12/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	NP-07 15/03/2000 7 . 2 . 0			get it		
	NP-08 21/06/2000 7 . 3 . 0			get it		
	NP-09 28/09/2000 7 . 4 . 0			get it		

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.81 Line Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.1
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[get it](#) *remarks - general:*
[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
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
<to be defined> 14/12/1999 7 . 0 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[get it](#) *remarks - general:*
[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
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* SHARP, Iain
G: yes U: *MCC:* KYMALAINEN, Kimmo
NORTEL NETWORKS (EUROPE)
[get it](#) *remarks - general:*
[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
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen
G: yes U: *MCC:* KYMALAINEN, Kimmo
T-MOBILE DEUTSCHLAND
[get it](#) *remarks - general:*
[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
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 16/12/1999 7 . 0 . 2	get it	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>					
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 04.90	Unstructured Supplementary Service Data (USSD)				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>					
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>		

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.96 Name Identification Supplementary Services; Stage 3

R98 *current version:* 7.0.0
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

R98 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version:* 7.2.0
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-30 11/11/1999 7 . 1 . 0
GP-07 04/01/2002 7 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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Server ACTIVE specs R98 05 .- series
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TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 *current version: 7.7.0*

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
ETSI publication	17/07/2000	7	.	3	.	1
smg-31	16/02/2000	7	.	4	.	0
ETSI publication	29/09/2000	7	.	4	.	1
smg-31 bis	17/04/2000	7	.	5	.	0
ETSI publication	17/10/2000	7	.	5	.	1
GP-02	24/11/2000	7	.	6	.	0
edito	30/11/2000	7	.	6	.	1
edito	20/04/2001	7	.	6	.	2
GP-06	01/10/2001	7	.	7	.	0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*

remarks - this release:

TS 05.03 Channel coding

R98 *current version: 7.3.1*

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0
smg-31	16/02/1999	7	.	3	.	0
ETSI publication	17/02/2001	7	.	3	.	1

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*

remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.3.0

TS 05.04 Modulation

R98 *current version: 7.3.0*

freeze_meeting: smg-29

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
ETSI publication	20/06/2000	7	.	0	.	1
smg-30 bis	06/12/1999	7	.	1	.	0
ETSI publication	20/06/2000	7	.	1	.	1
GP-03	15/02/2001	7	.	2	.	0
GP-05	29/06/2001	7	.	3	.	0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist

G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*

remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 05.05 Radio Transmission and Reception

R98 *current version: 7.9.0*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
ETSI publication 14/12/1999 7 . 1 . 1
smg-30 11/11/1999 7 . 2 . 0
smg-31 16/02/2000 7 . 3 . 0
ETSI publication 15/10/2000 7 . 3 . 1
smg-31 bis 17/04/2000 7 . 4 . 0
GP-01 10/10/2000 7 . 5 . 0
GP-06 01/10/2001 7 . 6 . 0
GP-09 06/05/2002 7 . 7 . 0
GP-10 19/07/2002 7 . 8 . 0
GP-11 19/09/2002 7 . 9 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*
freeze_meeting: smg-29
history (event, available, version,
smg-25 7 . 0 . 0
smg-29 7 . 1 . 0
smg-30 7 . 2 . 0
smg-30b 7 . 3 . 0
ETSI publication 7 . 3 . 1
smg-31 bis 17/04/2000 7 . 4 . 0
ETSI publication 7 . 4 . 1
GP-01 10/10/2000 7 . 5 . 0
GP-02 24/11/2000 7 . 6 . 0
edito 30/11/2000 7 . 6 . 1
GP-06 01/10/2001 7 . 7 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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TS 05.09	Link adaptation				
R98	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</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		
<i>marks</i>					
	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: 7.4.0</i>	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
	smg-26 26/06/1998	7 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-29 25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i> GERAN#2:7.4.0	
ETSI publication	14/12/1999	7 . 1 . 1	get it		
	smg-30 11/11/1999	7 . 2 . 0	get it		
	smg-31 bis 17/04/2000	7 . 3 . 0	get it		
ETSI publication	17/10/2000	7 . 3 . 1	get it		
	GP-02 24/11/2000	7 . 4 . 0	get it		
TS 05.14	Release independent frequency bands; Implementation guidelines				
R98	<i>current version: 7.2.0</i>	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti	NOKIA Corporation	
	<i>freeze_meeting: smg-29</i>	G: yes U:	MCC: USAI, Paolino		
<i>history (event, available, version,</i>					
	GP-02 05/01/2001	7 . 0 . 0	get it	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
	GP-05 29/06/2001	7 . 1 . 0	get it	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
Changed from G2 to G1 at same time.					
	GP-10 19/07/2002	7 . 2 . 0	get it	GERAN#2:7.0.0	

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TR 05.22	Radio link management in hierarchical networks				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	Upgrade to 30/03/2000 7 . 0 . 0	get it	<i>remarks - general:</i>		
	Release 98		<i>remarks - this release:</i> .		
<hr/>					
TR 05.50	Background for RF Requirements				
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	Peter Skov		
	<i>history (event, available, version,</i>		<i>MCC:</i> USAI, Paolino		
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0		
	smg-30 11/11/1999 7 . 2 . 0	get it			
	smg-31 16/02/2000 7 . 3 . 0	get it			
	smg-31 bis 17/04/2000 7 . 4 . 0	get it			
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	ETSI Publication 05/09/2000 7 . 1 . 1	get it			
<hr/>					
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	upgrade to R98 10/04/2001 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.		

R98

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TS 06.01	Full Rate Speech Processing Functions					
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	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: 7.0.2</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</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: 7.0.1</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 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: 7.0.1</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	AFTELAK, Steve	MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 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: 7.0.0</i>	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R98	<i>current version: 7.2.0</i>		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar		PHILIPS Semiconductors
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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		
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R98	<i>current version: 7.0.1</i>		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999	7 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI Publication 29/12/1999	7 . 0 . 1		get it	<i>remarks - this release: #29: 7.0.0</i>	
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R98	<i>current version: 7.1.0</i>		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele		TELECOM ITALIA S.p.A.
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	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		
TS 06.20	Half Rate Speech Transcoding					
R98	<i>current version: 7.0.1</i>		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999	7 . 0 . 0		get it	<i>remarks - general:</i>	
	ETSI publication 17/01/2000	7 . 0 . 1		get it	<i>remarks - this release: #29: 7.0.0</i>	

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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	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-29	G: yes U:		MCC:	USAI, Paolino				
	<i>history (event, available, version,</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>				
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels								
R98	<i>current version:</i> 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-29	G: yes U:		MCC:	USAI, Paolino				
	<i>history (event, available, version,</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>				
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
R98	<i>current version:</i> 7.0.1	WG (prime / other):	S4 / -	rapporteur:	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,</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>				
TS 06.32	Voice Activity Detection (VAD)								
R98	<i>current version:</i> 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> smg-29	G: yes U:		MCC:	USAI, Paolino				
	<i>history (event, available, version,</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: #29: 7.0.0</i>				
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R98	<i>current version:</i> 7.0.1	WG (prime / other):	S4 / -	rapporteur:	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,</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>				

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul				Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
	ETSI Publication 20/01/2000 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0				
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari				NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999 7 . 0 . 0			get it	remarks - general:				
	smg-29 25/06/1999 7 . 0 . 1			get it	remarks - this release: #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	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari				NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
	ETSI Publication 12/01/2000 7 . 0 . 1			get it	remarks - this release:				
<hr/>									
TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)								
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari				NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:				
	ETSI publication 12/01/2000 7 . 0 . 1			get it	remarks - this release:				
	SP-10 20/12/2000 7 . 2 . 0			get it					

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Server ACTIVE specs R98 06 .- series
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TR 06.55	Performance characterisation of the GSM EFR Speech Codec				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 06.60	Enhanced full rate speech transcoding				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 13/12/1999 7 . 0 . 2	get it	<i>remarks - this release:</i> #28: 7.0.0		
<hr/>					
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
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TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 06.71	Adaptive Multi-Rate speech processing functions; General description				
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30		
	ETSI Publication 16/12/1999 7 . 0 . 2	get it	<i>remarks - this release:</i> #28: 7.0.0		

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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,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
SP-06 17/12/1999 7 . 3 . 0 [get it](#)
SP-07 15/03/2000 7 . 4 . 0 [get it](#)
ETSI Publication 28/09/2000 7 . 4 . 1 [get it](#)
SP-11 10/04/2001 7 . 5 . 0 [get it](#)
SP-14 09/01/2002 7 . 6 . 0 [get it](#)

TS 06.74 Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec

R98 *current version: 7.3.0* WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 2 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
SP-06 17/12/1999 7 . 0 . 0 [get it](#) *remarks - this release:*
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,
smg-29 25/06/1999 1 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - this release:* SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0
SP-06 17/12/1999 7 . 1 . 0 [get it](#)
SP-07 17/03/2000 7 . 2 . 0 [get it](#)

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TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 1 . 0 . 0	get it	<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.			
	SP-07 2 . 0 . 0 SP-000023		<i>remarks - this release:</i>			
	SP-07 17/03/2000 7 . 0 . 0	get it				
	fix invisible 10/01/2002 7 . 0 . 1	get it				
	refix invisible 15/01/2002 7 . 0 . 2	get it				
	figures					
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-30 11/11/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0			
	ETSI Publication 09/05/2000 7 . 1 . 1	get it				
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<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>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,</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 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,
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,
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,
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,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
SP-06 17/12/1999 7 . 3 . 0 [get it](#)
ETSI publication 21/03/2001 7 . 3 . 1 [get it](#)
SP-08 28/06/2000 7 . 4 . 0 [get it](#)
ETSI publication 30/11/2000 7 . 4 . 1 [get it](#)
SP-10 21/12/2000 7 . 5 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.94 Voice Activity Detector (VAD) for Adaptive Multi Rate (AMR) speech traffic channels
R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

R98 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R98 *current version:* 7.1.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R98 *current version:* 7.0.1 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 10/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:* #27: 7.0.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R98 *current version:* 7.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R98 *current version: 7.0.1* WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version: 7.7.0* WG (prime / other): T2 / - rapporteur: TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: SP-08 G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 7 . 2 . 0 [get it](#)
smg-29 25/06/1999 7 . 3 . 0 [get it](#)
TP-05 13/10/1999 7 . 4 . 0 [get it](#)
TP-06 15/12/1999 7 . 5 . 0 [get it](#)
TP-11 06/04/2001 7 . 6 . 0 [get it](#)
TP-14 11/01/2002 7 . 7 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TEMS) multiplexer protocol

R98 *current version: 7.2.0* WG (prime / other): T2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 G: yes U: MCC: RODERMUND, Friedhelm
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98 *current version: 7.2.0* WG (prime / other): N3 / - rapporteur: WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0*
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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Server ACTIVE specs R98 08 .- series
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 Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release:
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 ETSI Publication 17/08/1999 7 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release:

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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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	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>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R98	<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,</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,</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	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 1 . 0 . 0		<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 7 . 0 . 1	get it	<i>remarks - this release:</i>		
	GP-05 18/06/2001 7 . 1 . 0	get it			

TS 08.51	Base Station Controller - Base Tranceiver 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	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification				
R98	current version: 7.4.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-28 12/02/1999 7 . 0 . 0 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	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31: 7.4.0 get it get it

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60	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	WG (prime / other):	G1 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
	<i>history (event, available, version,</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	WG (prime / other):	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
	<i>history (event, available, version,</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	WG (prime / other):	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,</i>					
	smg-28 12/02/1999	7	. 0 . 0	get it	<i>remarks - general:</i>	SMG11->S4 at SMG#30
	SP-07 15/03/1999	7	. 1 . 0	get it	<i>remarks - this release:</i>	#28: 7.0.0 TSG#7: 7.1.0
	edito 09/08/2000	7	. 1 . 1	get it		

G = required in systems with GERAN access; U = required in systems with UMTS

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TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3				
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	edito 31/12/1999 7 . 1 . 1	get it			
	smg-31 16/02/2000 7 . 2 . 0	get it			
	smg-31 bis 17/04/2000 7 . 3 . 0	get it			
	GP-02 30/11/2000 7 . 4 . 0	get it			
	GP-06 14/09/2001 7 . 5 . 0	get it			
	GP-07 08/01/2002 7 . 6 . 0	get it			

R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		SONERA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 09.02 Mobile Application Part (MAP) Specification

R98 *current version:* 7.11.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 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](#)

TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R98 *current version:* Network (PLMN) 7.0.0 *WG (prime / other):* N3 /- *rapporteur:* BOSWARTHICK, David
ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 *current version:* 7.0.0 *WG (prime / other):* N3 /- *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #29: 7.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R98	<i>current version:</i> 7.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> N3: "no R99 needed".				
					<i>remarks - this release:</i> #29: 7.0.0				
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R98	<i>current version:</i> Switched Data Transmission Services	7.0.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> N3: "no R99 needed".				
					<i>remarks - this release:</i> #29: 7.0.0				
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R98	<i>current version:</i> Network (PSTN)	7.2.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-28 12/02/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0				
	smg-29 25/06/1999 7 . 1 . 1			get it					
	NP-06 15/12/1999 7 . 2 . 0			get it					
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R98	<i>current version:</i> 7.2.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	<i>freeze_meeting:</i> smg-29	G: yes U:		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0				
	NP-06 13/12/1999 7 . 2 . 0			get it					

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R98	current version: Procedures and the Mobile Application Part (MAP)	7.2.0	WG (prime / other):	N4	/-	rappporteur:			KYMALAINEN, Kimmo
SONERA Corporation									
freeze_meeting:	smg-29		G: yes	U:		MCC:			KYMALAINEN, Kimmo
history (event, available, version,									
smg-29	25/06/1999	7 . 0 . 0							get it remarks - general:
NP-06	15/12/1999	7 . 1 . 0							get it remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
NP-11	04/04/2001	7 . 2 . 0							get it
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
R98	current version: 7.0.1		WG (prime / other):	N4	/-	rappporteur:	WIEHE, Ulrich		SIEMENS AG
freeze_meeting:	smg-29		G: yes	U:		MCC:			KYMALAINEN, Kimmo
history (event, available, version,									
smg-28	12/02/1999	7 . 0 . 0							get it remarks - general:
ETSI Publication	12/03/1999	7 . 0 . 1							get it remarks - this release: #28: 7.0.0
<hr/>									
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	current version: 7.0.0		WG (prime / other):	N4	/-	rappporteur:	WIEHE, Ulrich		SIEMENS AG
freeze_meeting:	smg-29		G: yes	U:		MCC:			KYMALAINEN, Kimmo
history (event, available, version,									
smg-29	25/06/1999	7 . 0 . 0							get it remarks - general:
									remarks - this release:
<hr/>									
TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling								
R98	current version: 7.0.2		WG (prime / other):	SPA	/ N4	rappporteur:	SPORTON, Simon		VODAFONE Group Plc
freeze_meeting:	smg-29		G: yes	U:		MCC:			
history (event, available, version,									
SPS approval	30/06/1999	7 . 0 . 1							get it remarks - general: EN 302 646
ETSI publication	26/09/2000	7 . 0 . 2							get it remarks - this release: (SPAN1)
<hr/>									
TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	current version: 7.0.1		WG (prime / other):	N1	/-	rappporteur:	MILLS, Duncan		VODAFONE Group Plc
freeze_meeting:	smg-29		G: yes	U:		MCC:			JORGENSEN, Per Johan
history (event, available, version,									
smg-28	12/02/1999	7 . 0 . 0							get it remarks - general:
ETSI Publication	17/08/1999	7 . 0 . 1							get it remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R98 *current version: 7.5.0* WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0	get it	remarks - general:
smg-29	25/06/1999	7	.	1	.	0	get it	remarks - this release:
NP-05	08/10/1999	7	.	2	.	0	get it	
NP-07	15/03/2000	7	.	3	.	0	get it	
NP-13	02/10/2001	7	.	4	.	0	get it	
NP-14	04/01/2002	7	.	5	.	0	get it	

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)
R98 *current version: 7.7.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-30 bis	06/12/1999	7	.	0	.	0	get it	remarks - general:
smg-31	16/02/2000	7	.	1	.	0	get it	remarks - this release:
smg-31b	17/04/2000	7	.	2	.	0	get it	
smg-32	28/06/2000	7	.	3	.	0	get it	
GP-01	11/10/2000	7	.	4	.	0	get it	
ETSI publication		7	.	4	.	1		ETSI format only. Not for 3GPP use.
GP-06	18/09/2001	7	.	5	.	0	get it	
GP-07	08/01/2002	7	.	6	.	0	get it	
GP-10	19/07/2002	7	.	7	.	0	get it	

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface				
R98	<i>current version:</i> 7.9.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 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	prob with figures. Expect an update.	get it		
	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		
<hr/>					
TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)				
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 1 . 0		get it	<i>remarks - this release:</i>	
	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		
<hr/>					
TS 09.78	CAMEL Application Part phase 2 (stage 3)				
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-08 21/06/2000 7 . 1 . 0		get it	<i>remarks - this release:</i>	

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http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults					
R98	current version: 7.0.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: Peter Skov JORGENSEN, Per Johan			
history (event, available, version,	NP-16 26/06/2002 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:	2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.		

TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles					
R98	current version: 7.2.0 freeze_meeting: GP-04	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: Peter Skov USAI, Paolino			
history (event, available, version,	GP-04 20/04/2001 7 . 0 . 0	get it	remarks - general:			
	GP-07 04/01/2002 7 . 1 . 0	get it	remarks - this release:			
	GP-08 19/02/2002 7 . 2 . 0	get it				

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00	Digital Cellular Telecommunication System Feature Description					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): S2 / -	rapporteur: BERGMANN, Ansgar	Deutsche Telekom AG		
		G: yes U:	MCC: SULTAN, Alain			
history (event, available, version,	smg-27 16/10/1998 7 . 1 . 0	get it	remarks - general:			
			remarks - this release:	#27: 7D1.0		

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 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
		G: yes U:	MCC: SULTAN, Alain			
history (event, available, version,	draft 28/08/1998 2 . 0 . 1	get it	remarks - general:			
	smg-27 09/02/2000 7 . 0 . 0	get it	remarks - this release:			

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Server ACTIVE specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR
R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 0 . 0 . 1 [get it](#) *remarks - general:*
smg-28 12/02/1999 0 . 2 . 0 [get it](#) *remarks - this release:*
draft 05/02/1999 0 . 2 . 1 [get it](#)

R98 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification
R98 *current version:* 7.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP
/ G4
G: yes U: MCC: SALMERON, Lidia
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-31 16/02/2000 7 . 2 . 0 [get it](#)
editorial correction 16/02/2000 7 . 2 . 1 [get it](#)
GP-06 06/09/2001 7 . 3 . 0 [get it](#)

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R98 *current version: 7.7.0* WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-26	26/06/1998	7	.	0	.	0	get it	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	
smg-30	11/11/1999	7	.	4	.	0	get it	
smg-31	16/02/2000	7	.	5	.	0	get it	
smg-32	28/06/2000	7	.	6	.	0	get it	
edito	24/07/2000	7	.	6	.	1	get it	
TP-14	17/01/2002	7	.	7	.	0	get it	

TS 11.13 Test specification for SIM 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,

TP-10	11/01/2001	1	.	0	.	0	get it	remarks - general:
TP-11	16/05/2001	7	.	0	.	0	get it	remarks - this release:
edito	08/08/2002	7	.	0	.	1	get it	late delivery due to very poor initial formatting 7.0.0. had wrong date on cover page / header
TP-12	12/07/2001	7	.	1	.	0	get it	
TP-13	12/10/2001	7	.	2	.	0	get it	
TP-14	01/02/2002	7	.	3	.	0	get it	
TP-15	04/04/2002	7	.	4	.	0	get it	
edito post TP-15	12/04/2002	7	.	4	.	1	get it	adds missing annex attachments
edito post TP-17	18/09/2002	7	.	4	.	2	get it	changes reference to withdrawn ETSI TS.

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface					
R98	<i>current version: 7.7.0</i>	WG (prime / other):	T3 / -	rapporteur:	WOODSEND, Kristian	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	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			
	smg-31 16/02/2000	7 . 4 . 0	get it			
	smg-32 28/06/2000	7 . 5 . 0	get it			
	TP-09 18/10/2000	7 . 6 . 0	get it			
	TP-12 06/07/2001	7 . 7 . 0	get it			
TS 11.17	SIM test specification					
R98	<i>current version: 7.0.2</i>	WG (prime / other):	T3 / -	rapporteur:	BREMNER, David	Indicate persons who left Company and wait for new One
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	get it		remarks - general:	
	ETSI Publication 14/12/1999	7 . 0 . 2	get it		remarks - this release: #28: 7.0.0	
TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface					
R98	<i>current version: 7.0.1</i>	WG (prime / other):	T3 / -	rapporteur:	LINDHOLM, Rune	NOKIA MOBILE PHONES
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998	1 . 0 . 0	get it		remarks - general:	
	smg-28 12/02/1999	7 . 0 . 0	get it		remarks - this release: #25: 1.0.0 #28: 7.0.0	
	ETSI Publication 17/08/1999	7 . 0 . 1	get it			
TS 11.19	CTS SIM Fixed Part					
R98	<i>current version: 7.0.3</i>	WG (prime / other):	T3 / -	rapporteur:	HUBBE, Pascal	Alcatel Business Systems
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	get it		remarks - general:	
	ETSI Publication 05/09/2000	7 . 0 . 3	get it		remarks - this release: #28: 7.0.0	

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TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R98 *current version: 7.2.1* WG (prime / other): G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version: 7.0.0* WG (prime / other): G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: GP-09 (Usai) created to fill the Release gap.

R98 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 NP
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.04 Performance data measurements

R98 *current version: 7.0.0* WG (prime / other): S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 NP
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R98 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data					
R98	<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,</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> 7.6.0		<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,</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-28 12/02/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.2.0 #30: 7.3.0 S#6: 7.4.0. TSG#7: 7.5.0 TSG#8:7.6.0	
	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		
<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,</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.	

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Server ACTIVE specs R98 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.71 Location Services (LCS); Location services management

R98 *current version:* 7.0.1 *freeze_meeting:* smg-29
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian

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.
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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,
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,
smg-27 15/11/2000 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R97 01 .- series
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
history (event, available, version,
smg-27 01/12/2000 6 . 0 . 0
edito 16/01/2001 6 . 0 . 1

WG (prime / other): S1 / - *rapporteur:* GRAETZ, Ingeborg
G: yes U: *MCC:* CLAYTON, Michael
SIEMENS AG
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TR 01.60 GPRS requirements

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael
G: yes U: *MCC:* CLAYTON, Michael
EMCOM Ltd
[get it](#) *remarks - general:*
remarks - this release:

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
Editorial correction 20/03/1998 6 . 0 . 1

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael
G: yes U: *MCC:* POPE, Maurice
VODAFONE Group Plc
[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
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
smg-28 12/02/1999 6 . 1 . 0
smg-29 26/06/1999 6 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi
G: yes U: *MCC:* CLAYTON, Michael
NOKIA Corporation
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	Editorial correction 12/02/1999 6 . 1 . 1	get it				
<hr/>						
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.04	General on Supplementary Services					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-28 12/02/1999 6 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-29 25/06/1999 6 . 1 . 1	get it				
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODA FONE Group Plc		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1999 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 26/05/1999 6 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-28 12/02/1999 6 . 1 . 0	get it				
	ETSI publication 04/08/1999 6 . 1 . 1	get it				

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features					
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 20/06/1998 6 . 1 . 0	get it		remarks - this release:		
	SP-07 17/03/2000 6 . 2 . 0	get it				
<hr/>						
TS 02.09	Security aspects					
R97	current version: 6.1.1	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	Telia Promotor AB
	freeze_meeting: smg-26	G: yes U:	NP	MCC:	Per	
	history (event, available, version,				POPE, Maurice	
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI publication 26/05/1999 6 . 0 . 1	get it		remarks - this release:		
	smg-31 16/02/2000 6 . 1 . 0	get it				
	ETSI publication 29/08/2000 6 . 1 . 1	get it				
<hr/>						
TS 02.11	Service Accessibility					
R97	current version: 6.1.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-26 26/06/1998 6 . 0 . 0	get it		remarks - general:		
	SP-11 02/04/2001 6 . 1 . 0	get it		remarks - this release:		
<hr/>						
TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	smg-30 11/11/1999 6 . 1 . 0	get it		remarks - this release:		
	SP-08 28/06/2000 6 . 2 . 0	get it				

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 02.22	Stage 1 for personalisation of GSM ME				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DURAND, Romain	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
<hr/>					
TS 02.24	Description of Charge Advice Information (CAI)				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 26/06/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>		
	smg-28 12/02/1999 6 . 1 . 0	get it			
<hr/>					
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40	Procedures for Call Progress Indications					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.41	Operator Determined Barring					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,			BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les			Union Internationale des Chemins de Fer
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> T3 / S3	<i>rapporteur:</i> BARNES, Nigel			MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i> SMG9->T3@#31			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R97	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> NAVARRO, William			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i> SMG11->S4 at SMG#30			
			<i>remarks - this release:</i> No spec this Release			

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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
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 (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](#)

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: *MCC:* CLAYTON, Michael

TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* CLAYTON, Michael

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#)
Editorial correction 25/07/1999 6 . 1 . 1 [get it](#)

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 06/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
publish EN 300 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*
925

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

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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,</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,</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 17/01/2002 6 . 6 . 1	get it				
	correction					
<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,</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	TELIA AB		
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #27: 6.0.0</i>			

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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,</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,</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,</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	TELIA AB	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i> smg-27 16/10/1998 6 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release: #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,</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

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1
R97 *current version:* 6.0.0 *freeze_meeting:* smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan
G: yes U: MCC: CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1
R97 *current version:* 6.0.0 *freeze_meeting:* smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre
G: yes U: MCC: CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.91 Explicit Call Transfer (ECT)
R97 *current version:* 6.0.0 *freeze_meeting:* smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* POSTMANN, Erwin
G: yes U: MCC: CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 02.93 Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1
R97 *current version:* 6.0.1 *freeze_meeting:* smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
Editorial correction 20/04/1998 6 . 0 . 1

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael
G: yes U: MCC: CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1
R97 *current version:* 6.0.0 *freeze_meeting:* smg-26
history (event, available, version,
smg-27 15/10/1998 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael
G: yes U: MCC: CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.96 Name Identification Supplementary Services; Stage 1

R97 *current version:* 6.0.1 *freeze_meeting:* smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
Editorial correction 20/04/1998 6 . 0 . 1

WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[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 *freeze_meeting:* smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
smg-28 12/02/1999 6 . 1 . 0

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
[get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

TS 03.02 Network Architecture

R97 *current version:* 6.1.0 *freeze_meeting:* smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0

WG (prime / other): S2 / NP / T2 *rapporteur:* SULTAN, Alain SOURCE COM
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

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TS 03.03	Numbering, Addressing and Identification					
R97	<i>current version:</i> 6.7.0		<i>WG (prime / other):</i> N4 / T2	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-26 26/06/1998 6 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-28 12/02/1999 6 . 2 . 0			get it		
	smg-29 25/06/1999 6 . 3 . 0			get it		
	NP-05 14/10/1999 6 . 4 . 0			get it		
	NP-07 17/03/2000 6 . 5 . 0			get it		
	NP-08 28/06/2000 6 . 6 . 0			get it		
	NP-16 26/06/2002 6 . 7 . 0	SA did not approve companion CRs to 02.16.		get it		

TR 03.05	Technical performance objectives					
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> NP / -	<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,</i>					
	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	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-26 26/06/1998 6 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-29 25/06/1999 6 . 2 . 0			get it		

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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,					
	smg-25 20/03/1998	6	.	0	.	0
	smg-26 26/06/1998	6	.	1	.	0
	smg-27 16/10/1998	6	.	2	.	0
	smg-28 12/02/1999	6	.	3	.	0
	NP-07 15/03/2000	6	.	4	.	0
	NP-09 31/10/2000	6	.	5	.	0
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
		get it				
		get it				
		get it				
		get it				
TS 03.09	Handover Procedures					
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated
	freeze_meeting: smg-26	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998	6	.	0	.	0
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
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,					
	smg-27 18/10/1998	6	.	0	.	0
		get it		remarks - general:		
				remarks - this release:		
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,					
	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		

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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	SONERA Corporation		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</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	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #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	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	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	<i>G: yes U:</i>	Chalmers			
	<i>history (event, available, version,</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>			

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TS 03.16 Subscriber Data Management

R97
current version: 6.5.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-09 13/10/2000 6 . 5 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0
[get it](#)
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R97
current version: 6.7.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
NP-07 17/03/2000 6 . 6 . 0
NP-09 04/10/2000 6 . 7 . 0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R97
current version: 6.1.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-29 25/06/1999 6 . 1 . 0

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
G: yes U: MCC: Sebastien
POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R97	current version: 6.3.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-26 26/06/1998			get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
	smg-28 12/02/1999			get it	remarks - this release:	group receive mode".
	smg-29 26/06/1999			get it		
	SP-11 11/04/2001			get it		
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R97	current version: 6.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998			get it	remarks - general:	
					remarks - this release:	
TR 03.30	Radio Network Planning Aspects					
R97	current version: 6.0.1	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TELIA AB
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-26 26/06/1998			get it	remarks - general:	
	Editorial update 26/07/1998			get it	remarks - this release:	#26: 6.0.0
TS 03.32	Universal Geographical Area Description (GAD)					
R97	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	SOURCE COM
	freeze_meeting: smg-26	G: yes U:		MCC:	SULTAN, Alain	
	history (event, available, version,					
	smg-27 16/10/1998			get it	remarks - general:	
					remarks - this release:	#27: 6.0.0
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998			get it	remarks - general:	
					remarks - this release:	#27: 6.0.0

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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,
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-point (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,
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,
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,
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,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH		
	freeze_meeting: smg-26	G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general:		
				remarks - this release:		
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R97	current version: 6.0.1	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general:		
	Editorial correction 16/10/1998 6 . 0 . 1		get it	remarks - this release:		
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R97	current version: 6.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat		
	freeze_meeting: smg-26	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general:		
				remarks - this release:		
<hr/>						
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)					
R97	current version: 6.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH		
	freeze_meeting: smg-26	G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0		get it	remarks - general:		
				remarks - this release:		
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R97	current version: 6.2.0	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting: smg-26	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0		get it	remarks - general: SMG9->T3@#31		
	smg-26 26/06/1998 6 . 1 . 0		get it	remarks - this release:		
	smg-28 12/02/1999 6 . 2 . 0		get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R97	current version: 6.1.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	freeze_meeting: smg-26				
	history (event, available, version,	G: yes U:	MCC: RODERMUND, Friedhelm		
	smg-25 20/03/1998 6 . 0 . 0				get it remarks - general:
	smg-26 26/06/1998 6 . 1 . 0				get it remarks - this release:
<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	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: smg-26				
	history (event, available, version,	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	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-26				
	history (event, available, version,	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	WG (prime / other): S4 / -	rapporteur: MONFORT, Jean-Yves	France Telecom	
	freeze_meeting: smg-26				
	history (event, available, version,	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)

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* DELECKI, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* SULTAN, Alain

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
smg-26	26/06/1998	6	.	1	.	0	get it	<i>remarks - this release:</i>
edito	28/07/1998	6	.	1	.	1	get it	
smg-27	16/10/1998	6	.	2	.	0	get it	
smg-28	12/02/1999	6	.	3	.	0	get it	
ETSI Vote	13/04/1999	6	.	3	.	1	get it	
ETSI publication	21/07/1999	6	.	3	.	2	get it	
smg-29	25/06/1999	6	.	4	.	0	get it	
ETSI publication	29/12/1999	6	.	4	.	1	get it	
SP-05	13/10/1999	6	.	5	.	0	get it	
SP-06	17/12/1999	6	.	6	.	0	get it	
ETSI publication	07/07/2000	6	.	6	.	1	get it	
SP-07	17/03/2000	6	.	7	.	0	get it	
ETSI publication	22/09/2000	6	.	7	.	1	get it	
SP-11	19/04/2001	6	.	8	.	0	get it	
SP-12	16/08/2001	6	.	9	.	0	get it	
SP-14	08/01/2002	6	.	10	.	0	get it	
edito	29/07/2002	6	.	10	.	1	get it	
SP-17	02/10/2002	6	.	11	.	0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0	get it	<i>remarks - general:</i>
								<i>remarks - this release:</i>

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R97	current version: 6.4.0	WG (prime / other): G1 / -	rapporteur: LEPPISAARI, Arto	NOKIA Corporation	
	freeze_meeting: smg-26	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:		
	smg-26 26/06/1998 6 . 0 . 1	get it	remarks - this release:		
	smg-27 16/10/1998 6 . 1 . 0	get it			
	ETSI OAP 27/05/2000 6 . 1 . 1	get it			
	smg-28 12/02/1999 6 . 2 . 0	get it			
	smg-29 25/06/1999 6 . 3 . 0	get it			
	smg-30 11/11/1999 6 . 4 . 0	get it			
<hr/>					
TS 03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:		
	NP-07 17/03/2000 6 . 1 . 0	get it	remarks - this release:		
<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,				
	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,				
	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			

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R97
current version: 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".
remarks - this release: #27: 6.0.0

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R97
current version: 6.11.1
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
ETSI publication 27/08/1998 6 . 1 . 1
smg-27 16/10/1998 6 . 2 . 0
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
NP-07 17/03/2000 6 . 6 . 0
NP-08 23/06/2000 6 . 7 . 0
NP-10 04/01/2001 6 . 8 . 0
NP-12 29/06/2001 6 . 9 . 0
edito 02/07/2001 6 . 9 . 1
NP-14 04/01/2002 6 . 10 . 0
NP-16 17/06/2002 6 . 11 . 0
Editorial correction 21/08/2002 6 . 11 . 1
to SDLs

WG (prime / other): N2 / - rapporteur: LANTELME, Isabelle ALCATEL S.A.
G: yes U: MCC: JURISIC, Andrijana

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 03.79 Support of Optimal Routing phase 1; Stage 2

R97
current version: 6.3.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
smg-29 25/06/1999 6 . 1 . 0
NP-05 13/10/1999 6 . 2 . 0
NP-07 17/03/2000 6 . 3 . 0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
Chalmers
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #27: 6.0.0 #29: 6.1.0 TSG#5: 6.2.0 TSG#7: 6.3.0
[get it](#)
[get it](#)

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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: #27: 6.0.0 #29: 6.1.0</i>		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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 03.84	Multi Party (MPY) Supplementary Services; Stage 2				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	mmO2 plc
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R97	current version: 6.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0		
	smg-27 16/10/1998 6 . 2 . 0	get it				

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.96 Name Identification Supplementary Services; Stage 2

R97
current version: 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
Editorial correction 20/04/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[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
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

[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
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

[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
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

[get it](#) remarks - general:
remarks - this release:

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04 Layer 1 - General Requirements

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken
G: yes U: *MCC:* THOMASEN, Gert
SIEMENS AG
[get it](#) *remarks - general:*
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* THOMASEN, Gert
MOTOROLA A/S
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R97 *current version:* 6.2.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
ETSI publication 01/09/1999 6 . 0 . 1
smg-29 25/06/1999 6 . 1 . 0
ETSI publication 14/12/1999 6 . 1 . 1
smg-31 16/02/2000 6 . 2 . 0
ETSI publication 29/09/2000 6 . 2 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* THOMASEN, Gert
MOTOROLA A/S
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 *current version:* 6.5.1
freeze_meeting: smg-26

WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
ETSI publication 04/12/1998 6 . 2 . 1
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
Editorial correction 13/11/1999 6 . 5 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.19.0
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

smg-25	6 . 0 . 0	
smg-26 26/06/1998	6 . 1 . 0	get it
edito 08/09/1998	6 . 1 . 1	get it
smg-27 16/10/1998	6 . 2 . 0	get it
ETSI publication 13/04/1999	6 . 2 . 1	get it
smg-28 12/02/1999	6 . 3 . 0	get it
ETSI publication 25/08/1999	6 . 3 . 1	get it
smg-29 25/06/1999	6 . 4 . 0	get it
edito 23/07/1999	6 . 4 . 1	get it
ETSI OAP 11/08/1999	6 . 4 . 2	get it
ETSI publication 29/12/1999	6 . 4 . 3	get it
NP-05 08/10/1999	6 . 5 . 0	get it
smg-30 bis 06/12/1999	6 . 6 . 0	get it
NP-06 15/12/1999	6 . 7 . 0	get it
ETSI publication 05/07/2000	6 . 7 . 1	get it
smg-31 16/02/2000	6 . 8 . 0	get it
NP-07 15/03/2000	6 . 9 . 0	get it
ETSI publication 29/09/2000	6 . 9 . 1	get it
smg-31 bis 17/04/2000	6 . 10 . 0	get it
smg-32 21/06/2000	6 . 11 . 0	get it
GP-01/NP-09 12/10/2000	6 . 12 . 0	get it
edito 02/11/2000	6 . 12 . 1	get it
NP-10 02/01/2001	6 . 13 . 0	get it
GP-04 / NP-11 11/04/2001	6 . 14 . 0	get it
NP-12 05/07/2001	6 . 15 . 0	get it
GP-07 04/01/2002	6 . 16 . 0	get it
NP-14 07/01/2002	6 . 17 . 0	get it
GP-08 19/02/2002	6 . 18 . 0	get it
NP-17 17/09/2002	6 . 19 . 0	get it

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 20/04/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>		
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation	
	<i>freeze_meeting:</i> smg-26		<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</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>		
	NP-09 12/10/2000 6 . 1 . 0	get it			
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
	<i>freeze_meeting:</i> smg-26	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 16/10/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions							
R97	<i>current version:</i> 6.3.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew		MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26		G: yes U:	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>							
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>			
	smg-30 11/11/1999	6 . 1 . 0		get it	<i>remarks - this release:</i>			
	smg-32 28/06/2000	6 . 2 . 0		get it				
	GP-10 19/07/2002	6 . 3 . 0		get it				
	post GP-10 edito 23/07/2002	6 . 3 . 1	Misplaced figure, clause 5.3.1.	get it				

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface							
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26		G: yes U:	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>							
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-08 23/06/2000	6 . 1 . 0		get it	<i>remarks - this release:</i> #27: 6.0.0 TSG#8:6.1.0			

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services							
R97	<i>current version:</i> Switching Centre (BSS - MSC) interface	6.2.0	<i>WG (prime / other):</i> N3		/-	<i>rapporteur:</i> KLEHN, Norbert		
	SIEMENS AG							
	<i>freeze_meeting:</i> smg-26		G: yes U:	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>							
	smg-26 26/06/1998	6 . 0 . 0		get it	<i>remarks - general:</i>			
	smg-27 16/10/1998	6 . 1 . 0		get it	<i>remarks - this release:</i> #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0			
	NP-06 17/12/1999	6 . 2 . 0		get it				

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TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification
R97	<i>current version:</i> 6.10.0
	<i>freeze_meeting:</i> smg-26
	<i>WG (prime / other):</i> N1 / - <i>rapporteur:</i> SALKINTZIS, Apostolis MOTOROLA GmbH
	<i>G: yes U:</i> <i>MCC:</i> JORGENSEN, Per Johan
	<i>history (event, available, version,</i>
smg-25	20/03/1998 6 . 0 . 0 get it <i>remarks - general:</i>
smg-26	26/06/1998 6 . 1 . 0 get it <i>remarks - this release:</i>
smg-27	16/10/1998 6 . 2 . 0 get it
smg-28	12/02/1999 6 . 3 . 0 get it
smg-29	25/06/1999 6 . 4 . 0 get it
smg-30	11/11/1999 6 . 5 . 0 get it
NP-06	17/12/1999 6 . 6 . 0 get it
smg-31	16/02/2000 6 . 7 . 0 get it
NP-10	02/01/2001 6 . 8 . 0 get it
NP-13	02/10/2001 6 . 9 . 0 get it
NP-14	04/01/2002 6 . 10 . 0 get it

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R97	<i>current version:</i> 6.7.0
	<i>freeze_meeting:</i> smg-26
	<i>WG (prime / other):</i> N1 / - <i>rapporteur:</i> SALKINTZIS, Apostolis MOTOROLA GmbH
	<i>G: yes U:</i> <i>MCC:</i> JORGENSEN, Per Johan
	<i>history (event, available, version,</i>
smg-25	20/03/1998 6 . 0 . 0 get it <i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.
smg-26	26/06/1998 6 . 1 . 0 get it <i>remarks - this release:</i>
smg-27	16/10/1998 6 . 2 . 0 get it
smg-28	12/02/1999 6 . 3 . 0 get it
smg-29	25/06/1999 6 . 4 . 0 get it
smg-30	11/11/1999 6 . 5 . 0 get it
NP-06	17/12/1999 6 . 6 . 0 get it
smg-31	16/02/2000 6 . 7 . 0 get it

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3
R97	<i>current version:</i> 6.0.1
	<i>freeze_meeting:</i> smg-26
	<i>WG (prime / other):</i> N4 / - <i>rapporteur:</i> SCHMITT, Peter SIEMENS AG
	<i>G: yes U:</i> <i>MCC:</i> KYMALAINEN, Kimmo
	<i>history (event, available, version,</i>
smg-27	16/10/1998 6 . 0 . 0 get it <i>remarks - general:</i>
Editorial correction	16/11/1998 6 . 0 . 1 get it <i>remarks - this release:</i> #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.68	Group Call Control (GCC) Protocol					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998	6	.	0	.	0
	smg-29 25/06/1998	6	.	1	.	0
	smg-30 11/11/1999	6	.	2	.	0
	NP-07 17/03/2000	6	.	3	.	0
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
		get it				
<hr/>						
TS 04.69	Broadcast Call Control (BCC) protocol					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998	6	.	0	.	0
	smg-29 25/06/1999	6	.	1	.	0
	smg-30 11/11/1999	6	.	2	.	0
	NP-07 17/03/2000	6	.	3	.	0
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
		get it				
<hr/>						
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	SIEMENS AG
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998	6	.	0	.	0
	smg-26 26/06/1998	6	.	1	.	0
	smg-28 12/02/1999	6	.	1	.	1
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
<hr/>						
TS 04.81	Line Identification Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	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

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TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #27: 6.0.0*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* SHARP, Iain
G: yes U: *MCC:* KYMALAINEN, Kimmo NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #27: 6.0.0*

TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen
G: yes U: *MCC:* KYMALAINEN, Kimmo T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #27: 6.0.0*

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo SIEMENS AG

[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

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TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it		remarks - this release: #25: 6.0.0		
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	<to be defined> 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3					
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0 #28:6.1.1		
	smg-28 12/02/1999 6 . 1 . 1	get it				
<hr/>						
TS 04.96	Name Identification Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it		remarks - this release: #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 05.01 Physical Layer on the Radio Path (General Description)

R97 current version: 6.1.1

freeze_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

ETSI Publication 20/04/1998 6 . 1 . 1

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 current version: 6.10.0

freeze_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-26 26/06/1998 6 . 2 . 0

smg-27 16/10/1998 6 . 3 . 0

ETSI publication 09/03/1999 6 . 3 . 1

smg-28 12/02/1999 6 . 4 . 0

ETSI publication 04/08/1999 6 . 4 . 1

smg-29 25/06/1999 6 . 5 . 0

smg-30 11/11/1999 6 . 6 . 0

smg-30 bis 06/12/1999 6 . 7 . 0

ETSI publication 17/07/2000 6 . 7 . 1

smg-31 16/02/2000 6 . 8 . 0

ETSI publication 29/09/2000 6 . 8 . 1

smg-31 bis 17/04/2000 6 . 9 . 0

ETSI publication 17/10/2000 6 . 9 . 1

edito 02/05/2001 6 . 9 . 2

GP-06 01/10/2001 6 . 10 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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[get it](#) remarks - this release:

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Server ACTIVE specs R97 05 .- series
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TS 05.03 Channel coding

R97 *current version:* 6.2.1
freeze_meeting: smg-26

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0
smg-25 20/03/1998 6 . 1 . 0
smg-28 12/02/1999 6 . 2 . 0
ETSI Publication 12/03/1999 6 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0*
[get it](#)
[get it](#)

TS 05.04 Modulation

R97 *current version:* 6.1.1
freeze_meeting: smg-26

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
ETSI publication 09/02/1999 6 . 0 . 1
smg-30 bis 06/12/1999 6 . 1 . 0
ETSI publication 20/06/2000 6 . 1 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 05.05 Radio Transmission and Reception

R97 *current version:* 6.8.0
freeze_meeting: smg-26

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0
smg-25 20/03/1998 6 . 1 . 0
smg-26 26/06/1998 6 . 2 . 0
smg-27 16/10/1998 6 . 3 . 0
ETSI publication 09/03/1999 6 . 3 . 1
smg-28 12/02/1999 6 . 4 . 0
ETSI publication 04/06/1999 6 . 4 . 1
smg-29 25/06/1999 6 . 5 . 0
ETSI publication 14/12/1999 6 . 5 . 1
smg-30 11/11/1999 6 . 6 . 0
smg-31 16/02/2000 6 . 7 . 0
ETSI publication 29/09/2000 6 . 7 . 1
GP-01 09/10/2000 6 . 8 . 0

[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

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TS 05.08 Radio Subsystem Link Control

R97
current version: 6.9.0
freeze_meeting: smg-26
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0
smg-25 20/03/1998 6 . 1 . 0
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

WG (prime / other): G1 / -
G: yes U: rapporteur: EL-SAIGH, Amer
MCC: USAI, Paolino

VODAFONE Group Plc

[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
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0
smg-25 20/03/1998 6 . 1 . 0
smg-26 26/06/1998 6 . 2 . 0
smg-27 16/10/1998 6 . 3 . 0
ETSI publication 09/03/1999 6 . 3 . 1
smg-28 12/02/1999 6 . 4 . 0
ETSI publication 04/08/1999 6 . 4 . 1
smg-29 25/06/1999 6 . 5 . 0
ETSI publication 14/12/1999 6 . 5 . 1
smg-30 11/11/1999 6 . 6 . 0
ETSI publication 29/05/2001 6 . 6 . 1
GP-02 24/11/2000 6 . 7 . 0

WG (prime / other): G1 / -
G: yes U: rapporteur: JOKINEN, Harri
MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:
[get it](#) remarks - this release:
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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R97 *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,
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.
Changed from G2 to G1 at same time.
R97 record created at same time (originally was only R99 and R98).
GP-10 19/07/2002 6 . 2 . 0 [get it](#)

TR 05.22 Radio link management in hierarchical networks

R97 *current version:* 6.0.0 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
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 MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* MCC: Peter Skov
USAI, Paolino
history (event, available, version,
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,
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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Server ACTIVE specs R97 06 .- series
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,</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it <i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1			get it <i>remarks - this release:</i>		
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TS 06.02	Half Rate Speech Processing Functions					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it <i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1			get it <i>remarks - this release: #27: 6.0.0</i>		
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TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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,</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it <i>remarks - general:</i>		
	ETSI Publication 16/11/1998 6 . 0 . 1			get it <i>remarks - this release: #27: 6.0.0</i>		
<hr/>						
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding						
R97	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar		PHILIPS Semiconductors	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
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	smg-32 20/06/2000 6 . 1 . 0			get it	<i>remarks - this release:</i>		
ETSI Publication	30/11/2000 6 . 1 . 1			get it			
SP-12	29/06/2001 6 . 2 . 0			get it			
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels						
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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>		
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels						
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
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ETSI Publication	16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>		
SP-12	29/06/2001 6 . 1 . 0			get it			
TS 06.20	Half Rate Speech Transcoding						
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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>		
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels						
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve		MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 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 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
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TS 06.32	Voice Activity Detection (VAD)					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 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 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.51	GSM Enhanced full rate speech processing functions: General description				
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC: USAI, Paolino	
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:
	ETSI publication 04/06/1999 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0
	smg-32 20/06/2000 6 . 1 . 0			get it	
	ETSI publication 30/11/2000 6 . 1 . 1			get it	
	SP-10 20/12/2000 6 . 2 . 0			get it	
<hr/>					
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec				
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC: USAI, Paolino	
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	remarks - this release:
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TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)				
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC: USAI, Paolino	
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:
	ETSI publication 01/09/1999 6 . 0 . 1			get it	remarks - this release:
	smg-32 20/06/2000 6 . 1 . 0			get it	
	SP-10 20/12/2000 6 . 2 . 0			get it	
<hr/>					
TR 06.55	Performance characterisation of the GSM EFR Speech Codec				
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC: USAI, Paolino	
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:
					remarks - this release: #27: 6.0.0

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>			
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TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 04/06/1999 6 . 0 . 1	get it	<i>remarks - this release: #27: 6.0.0</i>			
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TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</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				
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TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26	G: yes U:	MCC: USAI, Paolino			
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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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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R97 *current version:* 6.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

R97 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R97 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-26 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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Server ACTIVE specs R97 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
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](#)

TS 07.10 Terminal Equipment to Mobile Station (TEMS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-24 19/01/1998 2 . 0 . 0
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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R97 current version: 6.5.0 WG (prime / other): N3 / - rapporteur: WILD, Johanna MOTOROLA Ltd

freeze_meeting: smg-26 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-26 26/06/1998 6 . 1 . 0

smg-27 16/10/1998 6 . 2 . 0

smg-29 25/06/1999 6 . 3 . 0

NP-05 08/10/1999 6 . 4 . 0

NP-06 15/12/1999 6 . 5 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0

[get it](#)

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R97

08 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 current version: 6.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze_meeting: smg-26 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

[get it](#)

remarks - general:

remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 current version: 6.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze_meeting: smg-26 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

[get it](#)

remarks - general:

remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R97	current version: 6.5.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-31 bis 17/04/2000 6 . 5 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-28 12/02/1999 6 . 2 . 0	get it			
	smg-29 25/06/1999 6 . 3 . 0	get it			

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R97	<i>current version:</i> 6.8.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti		MOTOROLA
	<i>freeze_meeting:</i> smg-26		THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-27 16/10/1998 6 . 2 . 0	get it			
	smg-28 12/02/1999 6 . 3 . 0	get it			
	smg-29 25/06/1999 6 . 4 . 0	get it			
	smg-30 11/11/1999 6 . 5 . 0	get it			
	smg-31 16/02/2000 6 . 7 . 0	get it			
	ETSI Publication 16/03/2000 6 . 7 . 1	get it			
	GP-05 18/06/2001 6 . 8 . 0	get it			

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation
	<i>freeze_meeting:</i> smg-26		BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-11 04/04/2001 6 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification				
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0 get it get it

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-27 18/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 18/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R97 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: smg-26 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R97 *current version:* 6.12.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:* CN->N4 Apr00 (JMM)
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
edito 09/09/1998 6 . 1 . 1 [get it](#)
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-28 12/02/1999 6 . 3 . 0 [get it](#)
smg-29 25/06/1999 6 . 4 . 0 [get it](#)
NP-05 08/10/1999 6 . 5 . 0 [get it](#)
NP-06 15/12/1999 6 . 6 . 0 [get it](#)
NP-07 15/03/2000 6 . 7 . 0 [get it](#)
NP-08 21/06/2000 6 . 8 . 0 [get it](#)
NP-09 08/11/2000 6 . 9 . 0 [get it](#)
NP-10 21/12/2000 6 . 10 . 0 [get it](#)
NP-11 06/04/2001 6 . 11 . 0 [get it](#)
NP-15 04/04/2002 6 . 12 . 0 [get it](#)

TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R97 *current version:* Network (PLMN) 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David
ETSI Secretariat *G: yes U:* *MCC:* BOSWARTHICK, David
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #27: 6.0.0

TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #27: 6.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general: N3: "no R99 needed". remarks - this release: #27: 6.0.0	
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R97	current version: Switched Data Transmission Services	6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general: N3: "no R99 needed". remarks - this release: #27: 6.0.0	
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R97	current version: Network (PSTN)	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0 NP-06 15/12/1999 6 . 2 . 0						get it	remarks - general: get it remarks - this release: #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0 get it	
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-26	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general: remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R97	<i>current version: Procedures and the Mobile Application Part (MAP)</i>	6.2.0	WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
	SONERA Corporation								
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 6 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 6 . 1 . 0					get it	<i>remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0</i>		
	NP-11 04/04/2001 6 . 2 . 0					get it			
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998 6 . 0 . 0					get it	<i>remarks - general:</i>		
							<i>remarks - this release: #26: 6.0.0</i>		
<hr/>									
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R97	<i>current version: 6.0.0</i>		WG (prime / other):	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998 6 . 0 . 0					get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i>		
<hr/>									
TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R97	<i>current version: 6.1.0</i>		WG (prime / other):	N1	/-	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting: smg-26</i>		G: yes	U:		MCC:	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 6 . 0 . 0					get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 1 . 0					get it	<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
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TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
R97	current version: 6.7.0	WG (prime / other): N1 / -	rapporteur: MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-25 20/02/1998	6 . 0 . 0	get it	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0	get it	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	get it		
	smg-28 12/02/1999	6 . 3 . 0	get it		
	smg-29 25/06/1999	6 . 4 . 0	get it		
	NP-05 08/10/1999	6 . 5 . 0	get it		
	NP-07 15/03/2000	6 . 6 . 0	get it		
	NP-14 04/01/2002	6 . 7 . 0	get it		

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GTP) across the Gn and Gp Interface				
R97	current version: 6.12.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation	
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-25 20/03/1998	6 . 0 . 0	get it	remarks - general:	
	smg-26 26/06/1998	6 . 1 . 0	get it	remarks - this release:	
	smg-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	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		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.61	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> 6.8.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26	6 . 1 . 0	not issued, w/proc compatibility probs		<i>remarks - this release:</i>				
	smg-26 ((6.1.0	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					
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	<i>current version:</i> 6.5.0		<i>WG (prime / other):</i> N2 / -		<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26 26/06/1998	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-27 16/10/1998	6 . 2 . 0		get it					
	smg-28 12/02/1999	6 . 3 . 0		get it					
	smg-29 25/06/1999	6 . 4 . 0		get it					
	NP-08 21/06/2000	6 . 5 . 0		get it					
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i>		<i>G: yes U:</i>		Peter Skov				
	<i>history (event, available, version,</i>				<i>MCC:</i> JORGENSEN, Per Johan				
	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.				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.95 Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles
R97 *current version:* 6.2.0 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 20/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*
GP-07 04/01/2002 6 . 1 . 0 [get it](#) *remarks - this release:*
GP-08 19/02/2002 6 . 2 . 0 [get it](#)

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 SIEMENS AG
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #28: 6.0.0 TSG#5:6.1.0

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification							
R97	<i>current version:</i> 6.4.0	<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>G: yes U:</i>		<i>MCC:</i> SALMERON, Lidia				
	<i>history (event, available, version,</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				
	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.				
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.								
	smg-30 11/11/1999 6 . 2 . 0	get it						
	smg-31 16/02/2000 6 . 3 . 0	get it						
Editorial correction	16/02/2000 6 . 3 . 1	get it						
	GP-06 06/09/2001 6 . 4 . 0	get it						
<hr/>								
TS 11.11	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface							
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> smg-32	<i>G: yes U:</i>		<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>							
	smg-25 20/03/1998 6 . 0 . 0	get it		<i>remarks - general:</i>				
	smg-26 26/06/1998 6 . 1 . 0	get it		<i>remarks - this release:</i> #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>WG (prime / other):</i> T3	/ -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> smg-32	<i>G: yes U:</i>		<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>							
	smg-25 20/03/1998 6 . 0 . 0	get it		<i>remarks - general:</i>				
	smg-26 26/06/1998 6 . 1 . 0	get it		<i>remarks - this release:</i> #32:frozen				
	smg-28 12/02/1999 6 . 2 . 0	get it						
	smg-32 16/03/2000 6 . 3 . 0	get it						
	smg-31 16/02/2000 6 . 3 . 0	get it						

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
R97	current version: 6.3.0	WG (prime / other):	T3 / -	rapporteur:	WOODSEND, Kristian	Indicate persons who left Company and wait for new One			
	freeze_meeting: smg-26	G: yes	U:	MCC:	DIETZE, Claus				
	history (event, available, version,								
	smg-25 20/03/1998	6	.	0	.	0	get it	remarks - general:	
	smg-26 26/06/1998	6	.	1	.	0	get it	remarks - this release: (smg-31:6.4.0 but CR later withdrawn)	
	smg-27 16/10/1998	6	.	2	.	0	get it		
	smg-28 12/02/1999	6	.	3	.	0	get it		

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects								
R97	current version: 6.0.0	WG (prime / other):	G3 / -	rapporteur:	VACANT,				
	freeze_meeting: smg-26	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	GP-09 06/05/2002	6	.	0	.	0	get it	remarks - general:	
	not produced post smg-27							remarks - this release: #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected.	

TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters								
R97	current version: 6.0.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,				
	freeze_meeting: smg-26	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	GP-09 06/05/2002	6	.	0	.	0	get it	remarks - general:	
	edito (correction of version on	18/06/2002	6	.	0	.	1	get it	remarks - this release: GP-09 (Usai) created to fill the Release gap.

R97

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data								
R97	current version: 6.1.0	WG (prime / other):	S5 / S1	rapporteur:	BENDER, James	Nortel Networks (USA)			
	freeze_meeting: smg-26	G: yes	U:	MCC:	ZOICAS, Adrian				
	history (event, available, version,								
	smg-27 16/10/1998	6	.	0	.	0	get it	remarks - general:	
	smg-28 12/02/1999	6	.	1	.	0	get it	remarks - this release:	

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ACTIVE specs R97 12 .- series
Server http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.11	Fault management of the Base Station System (BSS)				
R97	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> S5 / S1 / GP	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	smg-26 26/06/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-27 16/10/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-28 12/02/1999 6 . 2 . 0	get it			
	smg-29 25/06/1999 6 . 3 . 0	get it			
<hr/>					
TS 12.15	General Packet Radio Service (GPRS); GPRS Charging				
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 2 . 0	get it	<i>remarks - this release:</i> #27: 6.1.0 #28: 6.2.0		
<hr/>					
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-26	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	GP-09 06/05/2002 6 . 0 . 0	get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.		
			<i>remarks - this release:</i> GP-09 (Usai) created to fill the Release gap.		

R96

R96

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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ACTIVE specs R96 01 .- series
Server 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 *WG (prime / other):* S1 / GP / rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-22 NP
G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 01.04 Abbreviations and acronyms
R96 *current version:* 5.0.2 *WG (prime / other):* GP / - rapporteur: CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
ETSI publication 30/10/2001 5 . 0 . 2 [get it](#)

TS 01.48 ISDN-based DECT/GSM interworking; Feasibility study
R96 *current version:* 5.0.1 *WG (prime / other):* S1 / - rapporteur: GRAETZ, Ingeborg SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

R96 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)
R96 *current version:* 5.5.0 *WG (prime / other):* S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
smg-24 19/12/1997 5 . 3 . 0 [get it](#)
smg-26 26/06/1998 5 . 4 . 0 [get it](#)
smg-29 25/06/1999 5 . 5 . 0 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
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,

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,

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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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04 General on Supplementary Services

R96 *current version:* 5.7.4
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul
G: yes U: *MCC:* CLAYTON, Michael Research In Motion Limited

smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 14/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
ETSI publication 02/05/1997 5 . 4 . 1
smg-21 14/02/1997 5 . 5 . 0
ETSI publication 28/08/1997 5 . 5 . 1
smg-22 13/06/1997 5 . 6 . 0
ETSI OAP 19/09/1997 5 . 6 . 1
ETSI publication 27/02/1998 5 . 6 . 2
smg-23 17/10/1997 5 . 7 . 0
smg-25 20/03/1998 5 . 7 . 1
ETSI publication 01/02/1998 5 . 7 . 2
smg-29 25/06/1999 5 . 7 . 3
ETSI publication 29/12/1999 5 . 7 . 4

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* JEAL, David
G: yes U: *MCC:* CLAYTON, Michael VODAFONE Group Plc

smg-20 11/10/1996 5 . 0 . 0
ETSI publication 02/05/1997 5 . 0 . 1
smg-21 14/02/1997 5 . 1 . 0
ETSI publication 26/08/1997 5 . 1 . 1
smg-28 12/02/1999 5 . 2 . 0
ETSI publication 04/08/1999 5 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1
freeze_meeting: smg-22

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 2 . 0
ETSI publication 02/05/1997 5 . 2 . 1
smg-22 13/06/1997 5 . 3 . 0
ETSI OAP 21/07/1997 5 . 3 . 1
ETSI publication 31/12/1997 5 . 3 . 2
smg-24 19/12/1997 5 . 4 . 0
ETSI publication 17/06/1998 5 . 4 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 02.09 Security aspects

R96 *current version:* 5.2.1
freeze_meeting: smg-22

WG (prime / other): S3 / S1 / NP *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 02/05/1997 5 . 0 . 1
smg-22 13/06/1997 5 . 1 . 0
edito 08/12/1997 5 . 1 . 1
smg-31 16/02/2000 5 . 2 . 0
ETSI publication 29/08/2000 5 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 02.11 Service Accessibility

R96 *current version:* 5.0.1
freeze_meeting: smg-22

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,
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:*

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-30 11/11/1999 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-08 23/06/2000 5 . 2 . 0		get it			
<hr/>						
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 02/05/1997 5 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-27 16/10/1998 5 . 1 . 0		get it			
	ETSI publication 08/04/1999 5 . 1 . 1		get it			
<hr/>						
TS 02.22	Stage 1 for personalisation of GSM ME					
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DURAND, Romain	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-19 28/06/1996 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-20 11/10/1996 5 . 2 . 0		get it			
	smg-23 17/10/1997 5 . 3 . 0		get it			
	smg-25 20/03/1998 5 . 3 . 1		get it			
	smg-26 26/06/1998 5 . 4 . 0		get it			
<hr/>						
TS 02.24	Description of Charge Advice Information (CAI)					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 /	<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,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 02/05/1997 5 . 0 . 1		get it	<i>remarks - this release:</i>		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): S1 / rapporteur: JEAL, David VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael

smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 3 . 1
ETSI publication 02/05/1997 5 . 3 . 2
smg-21 14/02/1997 5 . 4 . 0
ETSI publication 26/08/1997 5 . 4 . 1
smg-22 13/06/1997 5 . 5 . 0
ETSI OAP 19/09/1997 5 . 5 . 1
ETSI publication 27/02/1998 5 . 5 . 2
smg-23 17/10/1997 5 . 6 . 0
edito 06/01/1998 5 . 6 . 1
smg-24 19/12/1997 5 . 6 . 2
smg-28 12/02/1999 5 . 7 . 0
ETSI publication 04/08/1999 5 . 7 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 current version: 5.2.1
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): S1 / rapporteur: KOKKOLA, Tommi NOKIA Corporation
G: yes U: MCC: CLAYTON, Michael

draft 31/10/1995 0 . 0 . 0
draft 13/02/1996 0 . 1 . 0
draft 19/06/1996 0 . 2 . 0
draft 13/02/1996 0 . 5 . 0
smg-20 09/10/1996 5 . 0 . 0
ETSI publication 28/11/1996 5 . 0 . 1
smg-21 14/02/1997 5 . 1 . 0
smg-22 13/06/1997 5 . 2 . 0
ETSI publication 04/08/1997 5 . 2 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
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,</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,</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,</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,</i>					
	smg-19 28/06/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
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TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

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,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	1	.	2	get it	
smg-22	13/06/1997	5	.	1	.	3	get it	
smg-26	26/06/1998	5	.	2	.	0	get it	
publish ETS 300 925	01/12/1998	5	.	2	.	1	get it	

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i> #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	1	.	2	get it	
smg-22	13/06/1997	5	.	1	.	3	get it	
smg-26	26/06/1998	5	.	2	.	0	get it	
ETSI publication	01/12/1998	5	.	2	.	1	get it	

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Server ACTIVE specs R96 02 .- series
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TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R96	current version: 5.6.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-19 28/06/1996 5 . 0 . 0	get it	remarks - general:		
	smg-20 11/10/1996 5 . 1 . 0	get it	remarks - this release:		
	smg-21 14/02/1997 5 . 1 . 1	get it			
	smg-22 13/06/1997 5 . 2 . 0	get it			
	smg-23 17/10/1997 5 . 3 . 0	get it			
	smg-24 19/12/1997 5 . 4 . 0	get it			
	smg-26 26/06/1998 5 . 5 . 0	get it			
	smg-28 12/02/1999 5 . 6 . 0	get it			
<hr/>					
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)				
R96	current version: 5.2.0	WG (prime / other): S1 / -	rapporteur: FREY, Sophie	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-19 28/06/1996 5 . 0 . 0	get it	remarks - general:		
	smg-20 11/10/1996 5 . 1 . 0	get it	remarks - this release: #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	current version: 5.1.0	WG (prime / other): S1 / -	rapporteur: BLOMSTRAND, Ola	TELIA AB	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:		
	smg-24 19/12/1997 5 . 1 . 0	get it	remarks - this release: #20: 5.0.0 #24: 5.1.0		
<hr/>					
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R96	current version: 5.0.0	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom	
	freeze_meeting: smg-22	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	smg-16 20/10/1995 5 . 0 . 0	get it	remarks - general:		
			remarks - this release: #16: 5.0.0		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.84	MultiParty (MPTY) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #20: 5.0.0		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 02 .- series
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TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96
current version: 5.1.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-21 14/02/1997 5 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0

TS 02.91 Explicit Call Transfer (ECT)

R96
current version: 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1996 5 . 0 . 0
smg-17 02/02/1996 5 . 0 . 1
smg-19 28/06/1996 5 . 1 . 0
smg-21 14/02/1997 5 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1
[get it](#)
[get it](#)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96
current version: 5.2.0
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0
smg-19 28/06/1996 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0
[get it](#)

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R96
current version: 5.1.0
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* SULTAN, Alain
[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
[get it](#) *remarks - this release:* #17: 5.0.0 #18: 5.1.0

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TS 03.07	Restoration Procedures								
R96	current version: 5.1.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David		VODAFONE LTD			
	freeze_meeting: smg-22		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:				
	smg-23 17/10/1997 5 . 1 . 0			get it	remarks - this release:				
<hr/>									
TS 03.08	Organization of Subscriber Data								
R96	current version: 5.2.0		WG (prime / other): N4 / -	rapporteur: BAUER, Rolf		ALCATEL SEL AG			
	freeze_meeting: smg-22		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-18 12/04/1996 5 . 0 . 0			get it	remarks - general:				
	smg-21 14/02/1997 5 . 1 . 0			get it	remarks - this release:				
	smg-23 17/10/1997 5 . 2 . 0			get it					
<hr/>									
TS 03.09	Handover Procedures								
R96	current version: 5.1.0		WG (prime / other): N1 / -	rapporteur: FARHOUMAND,		Ericsson Incorporated			
	freeze_meeting: smg-22		G: yes U:	MCC: ROUZBEH, Per Johan					
	history (event, available, version,								
	smg-18 12/04/1996 5 . 0 . 0			get it	remarks - general:				
	smg-22 13/06/1997 5 . 1 . 0			get it	remarks - this release: #18: 5.0.0 #22: 5.1.0				
<hr/>									
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types								
R96	current version: 5.4.0		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David		ETSI Secretariat			
	freeze_meeting: smg-22		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	smg-16 20/10/1995 5 . 0 . 0			get it	remarks - general:				
	smg-21 14/02/1997 5 . 1 . 0			get it	remarks - this release:				
	smg-22 13/06/1997 5 . 2 . 0			get it					
	smg-23 17/10/1997 5 . 3 . 0			get it					
	smg-24 19/12/1997 5 . 4 . 0			get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.11 Technical Realization of Supplementary Services - General Aspects

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 03/06/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.12 Location Registration Procedures

R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #17: 5.0.0

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.15 Technical Realization of Operator Determined Barring

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-22 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #21: 5.1.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.16 Subscriber Data Management

R96 *current version:* 5.3.0
freeze_meeting: smg-22
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0
smg-21 14/02/1997 5 . 1 . 0
smg-23 17/10/1997 5 . 2 . 0
smg-26 26/06/1998 5 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R96 *current version:* 5.6.0
freeze_meeting: smg-22
history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0
smg-22 13/06/1997 5 . 1 . 0
smg-23 17/10/1997 5 . 2 . 0
smg-24 19/12/1997 5 . 3 . 0
smg-25 20/03/1998 5 . 4 . 0
smg-26 26/06/1998 5 . 5 . 0
smg-27 16/10/1998 5 . 6 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
Chalmers
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-21 14/02/1997 5 . 1 . 0
smg-23 17/10/1997 5 . 2 . 0
smg-29 25/06/1999 5 . 2 . 1

WG (prime / other): S3 / NP / GP *rapporteur:* NGUYEN NGOC, France Telecom
Sebastien
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SMG#29: CRs but postponed, then forgotten!
[get it](#)
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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R96	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996			get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
	ETSI publication 03/06/1997			get it	<i>remarks - this release:</i>	group receive mode".
	smg-21 14/02/1997			get it		
	ETSI publication 15/09/1997			get it		
	smg-22 13/06/1997			get it		
	ETSI publication 31/12/1997			get it		
	smg-26 26/06/1998			get it		
	ETSI publication 10/12/1998			get it		
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996			get it	<i>remarks - general:</i>	
	smg-22 13/06/1997			get it	<i>remarks - this release:</i>	
	smg-23 17/10/1997			get it		
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	TEGTH, Ulf	TELIA AB
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	#20: 5.0.0
<hr/>						
TS 03.32	Universal Geographical Area Description (GAD)					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	SULTAN, Alain	
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997			get it	<i>remarks - general:</i>	
	smg-26 26/06/1998			get it	<i>remarks - this release:</i>	#23: 5.0.0 #26: 5.1.0 #27: 5.2.0
	smg-27 16/10/1998			get it		

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TS 03.34 High Speed Circuit Switched Data (HSCSD); Stage 2

R96 *current version:* 5.2.0
freeze_meeting: smg-22
history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0
smg-26 26/06/1998 5 . 1 . 0
smg-28 12/02/1999 5 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #21: 5.0.0 #26: 5.1.0 #28: 5.2.0
[get it](#)

TS 03.38 Alphabets and language-specific information

R96 *current version:* 5.6.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
smg-21 14/02/1997 5 . 5 . 0
smg-22 13/06/1997 5 . 6 . 0
Editorial correction 13/07/1997 5 . 6 . 1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R96 *current version:* 5.8.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-17 02/02/1996 5 . 1 . 0
smg-18 12/04/1996 5 . 2 . 0
smg-19 28/06/1996 5 . 3 . 0
smg-20 11/10/1996 5 . 4 . 0
smg-21 14/02/1997 5 . 5 . 0
smg-22 13/06/1997 5 . 6 . 0
smg-23 17/10/1997 5 . 7 . 0
smg-26 26/06/1998 5 . 8 . 0
Editorial change 26/07/1998 5 . 8 . 1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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[get it](#)
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[get it](#)

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TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *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](#)
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,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #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,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R96 *current version:* 5.0.0 *freeze_meeting:* smg-22
WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R96 *current version:* 5.2.1 *freeze_meeting:* smg-22
WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 02/05/1997 5 . 0 . 1
smg-21 14/02/1997 5 . 1 . 0
ETSI publication 26/08/1997 5 . 1 . 1
smg-22 13/06/1997 5 . 2 . 0
ETSI publication 02/02/1998 5 . 2 . 1
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
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,
smg-20 11/10/1996 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R96 *current version:* 5.0.0 *freeze_meeting:* smg-22
WG (prime / other): T2 / - *rapporteur:* RODERMUND, Friedhelm Vodafone D2 GmbH
G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release:

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R96	current version: 5.7.0 freeze_meeting: smg-22	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH	
	history (event, available, version,	G: yes U:	MCC: RODERMUND, Friedhelm		
	smg-16 20/10/1995 5 . 0 . 0		get it	remarks - general:	
	smg-18 12/04/1996 5 . 1 . 0		get it	remarks - this release:	
	smg-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	current version: 5.4.0 freeze_meeting: smg-22	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino		
	smg-17 02/02/1996 5 . 0 . 0		get it	remarks - general:	
	smg-20 11/10/1996 5 . 0 . 1		get it	remarks - this release: #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	current version: 5.2.0 freeze_meeting: smg-22	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	history (event, available, version,	G: yes U:	MCC: BOSWARTHICK, David		
	smg-23 17/10/1997 5 . 1 . 0		get it	remarks - general:	
	smg-24 19/12/1997 5 . 2 . 0		get it	remarks - this release: #23: 5.1.0 #24: 5.2.0	

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TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1	/ -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>			<i>MCC:</i>	JORGENSEN, Per Johan			
	<i>history (event, available, version,</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>
<hr/>									
TS 03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2								
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	N4	/ -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>			<i>MCC:</i>	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5	.	0	.	0		get it	<i>remarks - general:</i>
	smg-20 11/10/1996	5	.	1	.	0		get it	<i>remarks - this release:</i>
	ETSI publication 03/06/1997	5	.	1	.	1		get it	
<hr/>									
TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R96	<i>current version:</i> 5.5.1	<i>WG (prime / other):</i>	N1	/ -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>			<i>MCC:</i>	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5	.	0	.	0		get it	<i>remarks - general:</i>
	smg-18 12/04/1996	5	.	1	.	0		get it	<i>remarks - this release:</i> #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0
	smg-20 11/10/1996	5	.	1	.	1		get it	
	ETSI publication 03/06/1997	5	.	1	.	2		get it	
	smg-21 14/02/1997	5	.	2	.	0		get it	
	ETSI publication 26/08/1997	5	.	2	.	1		get it	
	smg-23 17/10/1997	5	.	3	.	0		get it	
	ETSI publication 07/04/1998	5	.	3	.	1		get it	
	smg-24 19/12/1997	5	.	4	.	0		get it	
	ETSI publication 23/07/1998	5	.	4	.	1		get it	
	smg-26 26/06/1998	5	.	5	.	1		get it	

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TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 *current version:* 5.5.1
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
ETSI publication 03/06/1997 5 . 1 . 2
smg-21 14/02/1997 5 . 2 . 0
ETSI publication 26/08/1997 5 . 2 . 1
smg-23 17/10/1997 5 . 3 . 0
ETSI publication 07/04/1998 5 . 3 . 1
smg-24 19/12/1997 5 . 4 . 0
ETSI publication 23/10/1999 5 . 4 . 1
smg-26 26/06/1998 5 . 5 . 0
ETSI publication 10/12/1998 5 . 5 . 1

WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0
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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:* N3: "no R99 needed".
remarks - this release: #20: 5.0.0

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TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R96 *current version:* 5.8.0 *WG (prime / other):* N2 / - *rapporteur:* LANTELME, Isabelle ALCATEL S.A.
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* JURISIC, Andrijana

history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 23/04/1997 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
smg-23 17/10/1997 5 . 2 . 0 [get it](#)
smg-24 19/12/1997 5 . 3 . 0 [get it](#)
edito 19/01/1998 5 . 3 . 1 [get it](#)
ETSI publication 30/01/1998 5 . 3 . 2 [get it](#)
smg-25 20/03/1998 5 . 4 . 0 [get it](#)
smg-26 26/06/1998 5 . 5 . 0 [get it](#)
smg-27 16/10/1998 5 . 6 . 0 [get it](#)
smg-28 12/02/1999 5 . 7 . 0 [get it](#)
smg-29 25/06/1999 5 . 8 . 0 [get it](#)

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R96 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:* #21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
smg-24 19/12/1997 5 . 2 . 0 [get it](#)
smg-25 20/03/1998 5 . 3 . 0 [get it](#)
smg-27 16/10/1998 5 . 4 . 0 [get it](#)
NP-05 08/10/1999 5 . 5 . 0 [get it](#)

TS 03.81 Line Identification Supplementary Services; Stage 2

R96 *current version:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #24: 5.1.0 #26: 5.2.0
smg-26 26/06/1998 5 . 2 . 0 [get it](#)

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TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #20: 5.0.0</i>		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #20: 5.0.0</i>		
<hr/>					
TS 03.84	Multi Party (MPY) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #20: 5.0.0</i>		
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i>		
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TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 28/11/2000 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

R96
current version: 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
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,
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,
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 SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
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[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,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
remarks - this release: #20: 5.0.0

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan		get it remarks - general: remarks - this release: #18: 5.0.0
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TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities				
R96	current version: 5.3.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-18 12/04/1996 5 . 0 . 0 smg-21 14/02/1997 5 . 1 . 0 smg-22 13/06/1997 5 . 2 . 0 smg-24 19/12/1997 5 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: get it get it
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TS 04.04	Layer 1 - General Requirements				
R96	current version: 5.1.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ISAACS, Ken THOMASEN, Gert	SIEMENS AG	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0 ETSI publication 02/05/1997 5 . 0 . 1 smg-24 19/12/1997 5 . 1 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: get it
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TS 04.05	Data Link (DL) Layer General Aspects				
R96	current version: 5.0.1 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:
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Server 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 MOTOROLA A/S
freeze_meeting: smg-22

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
ETSI publication	15/09/1997	5	.	1	.	1
smg-25	20/03/1998	5	.	2	.	0
ETSI publication	23/10/1998	5	.	2	.	1
smg-29	25/06/1999	5	.	3	.	0
ETSI publication	22/12/1999	5	.	3	.	1
smg-31	16/02/2000	5	.	4	.	0
ETSI Publication	28/11/2000	5	.	4	.	1

[get it](#) *remarks - general:*
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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,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	1	.	1
ETSI publication	05/05/1997	5	.	1	.	2
smg-21	14/02/1997	5	.	2	.	0
ETSI publication	19/12/1997	5	.	2	.	1
smg-24	19/12/1997	5	.	3	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</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>	
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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>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</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					
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					get it	
					get it	
					get it	
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TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-22		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</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					
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					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>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-22		<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-18 12/04/1996 5 . 0 . 0				<i>remarks - general:</i>	
	smg-20 11/10/1996 5 . 1 . 0				<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0	
	ETSI Publication 28/11/2000 5 . 1 . 1					
					get it	
					get it	
					get it	

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TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R96	<i>current version:</i> 5.1.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-27 16/10/1998	5 . 1 . 0		get it	<i>remarks - this release:</i>				
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TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	<i>current version:</i> 5.7.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-22	G: yes U:		MCC:	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-21 14/02/1997	5 . 1 . 0		get it	<i>remarks - this release:</i> #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					
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TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R96	<i>current version:</i> Switching Centre (BSS - MSC) interface	5.6.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-22		G: yes U:		MCC:	BOSWARTHICK, David			
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-20 11/10/1996	5 . 0 . 1		get it	<i>remarks - this release:</i> #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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</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	<i>G: yes U:</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0	get it		<i>remarks - general:</i>					
	ETSI Publication 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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-18 12/04/1996 5 . 0 . 0	get it		<i>remarks - general:</i>					
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	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	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
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	smg-20 11/10/1996 5 . 0 . 0	get it		<i>remarks - general:</i>					
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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding				
R96	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
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	smg-20 11/10/1996 5 . 0 . 1	get it	<i>remarks - this release:</i>		
	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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>		
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TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
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	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>		
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TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>		
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TS 04.84	Multi Party (MPPTY) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo		
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G = required in systems with GERAN access; U = required in systems with UMTS

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TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
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TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
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	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>		
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TS 04.88	Call Barring (CB) Supplementary Services; Stage 3				
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
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	smg-24 19/12/1997 5 . 1 . 0	get it	<i>remarks - this release: #20: 5.0.0 #24: 5.1.0</i>		
	ETSI Publication 19/01/1998 5 . 1 . 1	get it			
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TS 04.90	Unstructured Supplementary Service Data (USSD)				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0</i>		
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TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3				
R96	<i>current version:</i> 5.1.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-16 20/10/1995 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-17 02/02/1996 5 . 1 . 0	get it	<i>remarks - this release: #16: 5.0.0 #17: 5.1.0</i>		
	ETSI Publication 02/03/1996 5 . 1 . 2	get it			

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R96
current version: 5.4.0
freeze_meeting: smg-22
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0
smg-20 11/10/1996 5 . 1 . 0
smg-21 14/02/1997 5 . 2 . 0
smg-22 13/06/1997 5 . 3 . 0
smg-25 20/03/1998 5 . 4 . 0

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](#)
[get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96
current version: 5.10.0
freeze_meeting: smg-22
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 2 . 0
ETSI publication 13/05/1997 5 . 2 . 1
smg-21 14/02/1997 5 . 3 . 0
ETSI publication 26/08/1997 5 . 3 . 1
smg-22 13/06/1997 5 . 4 . 0
ETSI publication 31/12/1997 5 . 4 . 1
smg-23 17/10/1997 5 . 5 . 0
smg-25 20/03/1998 5 . 6 . 0
ETSI publication 23/10/1998 5 . 6 . 1
smg-26 26/06/1998 5 . 7 . 0
ETSI publication 10/12/1998 5 . 7 . 1
smg-28 12/02/1999 5 . 8 . 0
ETSI publication 04/08/1999 5 . 8 . 1
GP-01 09/10/2000 5 . 9 . 0
GP-06 01/10/2001 5 . 10 . 0

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding								
R96	<i>current version:</i> 5.6.0								
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version,</i>								
	smg-17	02/02/1996	5	.	0	.	0		get it <i>remarks - general:</i>
	smg-18	12/04/1996	5	.	1	.	0		get it <i>remarks - this release:</i> #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0
	smg-19	26/06/1996	5	.	2	.	0		GERAN#1:5.6.0
	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
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TS 05.04	Modulation								
R96	<i>current version:</i> 5.1.1								
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version,</i>								
	smg-20	11/10/1996	5	.	0	.	0		get it <i>remarks - general:</i>
	ETSI publication	13/05/1997	5	.	0	.	1		get it <i>remarks - this release:</i>
	smg-30	11/11/1999	5	.	1	.	0		get it
	ETSI Publication	11/12/1999	5	.	1	.	1		get it
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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze_meeting: smg-22

history (event, available, version,

smg-17	02/02/1996	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-19	28/06/1996	5	.	2	.	0
smg-20	11/10/1996	5	.	3	.	0
ETSI publication	13/05/1997	5	.	3	.	1
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI publication	02/02/1998	5	.	5	.	1
smg-23	17/10/1997	5	.	6	.	0
smg-24	19/12/1997	5	.	7	.	0
ETSI publication	17/06/1998	5	.	7	.	1
smg-25	20/03/1998	5	.	8	.	0
ETSI publication	23/10/1998	5	.	8	.	1
smg-26	26/06/1998	5	.	9	.	0
ETSI publication	11/12/1998	5	.	9	.	1
smg-27	16/10/1998	5	.	10	.	0
ETSI publication	09/03/1999	5	.	10	.	1
smg-29	25/06/1999	5	.	11	.	0
ETSI publication	22/12/1999	5	.	11	.	1
smg-30	11/11/1999	5	.	12	.	0
GP-01	09/10/2000	5	.	13	.	0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

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remarks - this release:

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R96 current version: 5.10.0

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	03/06/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-24	19/12/1997	5	.	6	.	0
ETSI publication	17/06/1998	5	.	6	.	1
smg-25	20/03/1998	5	.	7	.	0
ETSI publication	23/10/1998	5	.	7	.	1
smg-26	26/06/1998	5	.	8	.	0
ETSI publication	10/12/1998	5	.	8	.	1
smg-27	16/10/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
GP-01	10/10/2000	5	.	10	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U:

MCC: USAI, Paolino

VODAFONE Group Plc

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TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-20	11/10/1996	5	.	1	.	0
ETSI publication	03/06/1997	5	.	1	.	1
smg-23	17/10/1997	5	.	2	.	0
draft	19/03/1999	5	.	2	.	1
ETSI publication	04/08/1999	5	.	2	.	2
GP-01	10/10/2000	5	.	3	.	0
GP-02	24/11/2000	5	.	4	.	0
edito	30/11/2000	5	.	4	.	1

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U:

MCC: USAI, Paolino

NOKIA MOBILE PHONES

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22 Radio link management in hierarchical networks
R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TR 05.50 Background for RF Requirements
R96 *current version:* 5.1.1
freeze_meeting: smg-22

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-21 14/02/1997 5 . 1 . 0
smg-23 17/10/1997 5 . 1 . 1

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* USAI, Paolino
Peter Skov

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1
[get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations
R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 28/05/1998 5 . 0 . 0 No proper source file available

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

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remarks - this release: .

R96 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-23 17/10/1997 5 . 1 . 0
ETSI Publication 17/11/1997 5 . 1 . 1

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

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[get it](#) *remarks - this release:*
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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
R96	<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,</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,</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,</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,</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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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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 5 . 2 . 0	get it				
	ETSI Publication 04/01/2001 5 . 2 . 1	get it				
	SP-12 29/06/2001 5 . 3 . 0	get it				
<hr/>						
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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</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			
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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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 11/11/1996 5 . 0 . 1	get it	<i>remarks - this release:</i> #20: 5.0.0			
	SP-12 29/06/2001 5 . 1 . 0	get it				
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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	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.1.0			
	ETSI Publication 13/07/1997 5 . 1 . 1	get it				

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</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>		
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TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</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</i>		
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</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: #20: 5.0.0 #23: 5.0.1</i>		
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TS 06.32	Voice Activity Detection (VAD)				
R96	<i>current version:</i> 5.0.3	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-23 17/10/1997 5 . 0 . 2	get it	<i>remarks - this release: #20: 5.0.0 #23: 5.0.2</i>		
	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	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-22 13/06/1997 5 . 0 . 1	get it	<i>remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0</i>		
	smg-23 17/10/1997 5 . 1 . 0	get it			
	ETSI Publication 17/11/1997 5 . 1 . 1	get it			

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-22 13/06/1997 5 . 0 . 1		get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.0.1					
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-19 28/06/1996 5 . 1 . 0		get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0 TSG#10:5.3.0					
	smg-20 11/10/1996 5 . 1 . 1		get it						
	ETSI publication 28/03/1997 5 . 1 . 2		get it						
	smg-32 20/06/2000 5 . 2 . 0		get it						
	ETSI publication 5 . 2 . 1								
	SP-10 20/12/2000 5 . 3 . 0		get it						
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-19 28/06/1996 5 . 1 . 0		get it	<i>remarks - this release:</i>					
	smg-20 11/10/1996 5 . 1 . 1		get it						
	ETSI publication 13/01/2000 5 . 1 . 2		get it						
	smg-23 17/10/1997 5 . 1 . 3		get it						

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 *current version:* 5.3.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-22 13/06/1997 5 . 1 . 0
ETSI publication 27/02/1998 5 . 1 . 1
smg-32 20/06/2000 5 . 2 . 0
SP-10 20/12/2000 5 . 3 . 0

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* SALEM, Tarek
G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: #19: 5.0.0

TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
smg-23 17/10/1997 5 . 1 . 3
smg-25 20/03/1998 5 . 2 . 0
ETSI Publication 20/04/1998 5 . 2 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0
[get it](#)
[get it](#)
[get it](#)

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
ETSI Publication 11/11/1996 5 . 1 . 2

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 06 .- series
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,					
	smg-17 02/02/1996	5 . 0 . 0		get it	remarks - general:	
	smg-19 28/06/1996	5 . 1 . 0		get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #23: 5.1.3	
	smg-20 11/10/1996	5 . 1 . 1		get it		
	smg-23 17/10/1997	5 . 1 . 3		get it		
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R96	current version: 5.2.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-17 02/02/1996	5 . 0 . 0		get it	remarks - general:	
	smg-19 28/06/1996	5 . 1 . 0		get it	remarks - this release: #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0	
	smg-20 11/10/1996	5 . 1 . 1		get it		
	smg-22 13/06/1997	5 . 1 . 2		get it		
	smg-30 11/11/1999	5 . 2 . 0		get it		
	ETSI Publication 09/05/2000	5 . 2 . 1		get it		
<hr/>						
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R96	current version: 5.0.3	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-17 02/02/1996	5 . 0 . 0		get it	remarks - general:	
	smg-20 11/10/1996	5 . 0 . 2		get it	remarks - this release: #17: 5.0.0 #20: 5.0.2 #22: 5.0.3	
	smg-22 13/06/1997	5 . 0 . 3		get it		
<hr/>						
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,					
	smg-26 26/06/1998	5 . 0 . 0		get it	remarks - general:	
					remarks - this release: #26: 5.0.0	

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R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 current version: 5.9.1 WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-22 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	remarks - general:
smg-17	02/02/1996	5	.	0	.	1	get it	remarks - this release:
smg-18	12/04/1996	5	.	1	.	1	get it	
smg-19	28/06/1996	5	.	2	.	0	get it	
smg-20	11/10/1996	5	.	3	.	0	get it	
smg-21	14/02/1997	5	.	4	.	0	get it	
smg-22	13/06/1997	5	.	5	.	0	get it	
smg-23	17/10/1997	5	.	6	.	0	get it	
smg-24	19/12/1997	5	.	7	.	0	get it	
smg-25	20/03/1998	5	.	8	.	0	get it	
smg-28	12/02/1999	5	.	9	.	0	get it	
ETSI Publication	12/03/1999	5	.	9	.	1	get it	

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 current version: 5.5.1 WG (prime / other): N3 / - rapporteur: WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-22 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	remarks - general:
smg-18	12/04/1996	5	.	1	.	0	get it	remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	2	.	0	get it	
smg-22	13/06/1997	5	.	3	.	0	get it	
smg-23	17/10/1997	5	.	4	.	0	get it	
smg-24	19/12/1997	5	.	5	.	0	get it	
ETSI Publication	19/01/1998	5	.	5	.	1	get it	

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Server ACTIVE specs R96 07 .- series
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:* WIIK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0
smg-21 14/02/1997 5 . 1 . 0 [get it](#)
smg-22 13/06/1997 5 . 2 . 0 [get it](#)
smg-23 17/10/1997 5 . 3 . 0 [get it](#)
smg-24 19/12/1997 5 . 4 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 4 . 1 [get it](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-23 17/10/1997 5 . 4 . 0 [get it](#)
smg-24 19/12/1997 5 . 5 . 0 [get it](#)

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-23 17/10/1997 5 . 4 . 0 [get it](#)
smg-24 19/12/1997 5 . 5 . 0 [get it](#)
smg-25 20/03/1998 5 . 6 . 0 [get it](#)
smg-26 26/06/1998 5 . 7 . 0 [get it](#)
smg-27 16/10/1998 5 . 8 . 0 [get it](#)
smg-29 25/06/1999 5 . 9 . 0 [get it](#)
ETSI Publication 25/07/1999 5 . 9 . 1 [get it](#)

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TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1
freeze_meeting: smg-22

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,

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
freeze_meeting: smg-22

WG (prime / other): N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
BOSWARTHICK, David
G: yes U: *MCC:*

history (event, available, version,

smg-24 19/12/1997 5 . 1 . 0

[get it](#) *remarks - general:*
remarks - this release: #24: 5.1.0

R96

08 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0
freeze_meeting: smg-22

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0
freeze_meeting: smg-22

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

history (event, available, version,

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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Server ACTIVE specs R96 08 .- series
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TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
R96	current version: 5.0.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general: remarks - this release:		
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
R96	current version: 5.3.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,	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 get it get it get it	remarks - general: remarks - this release:		
<hr/>					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R96	current version: 5.12.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
		G: yes U:	MCC: THOMASEN, Gert		
history (event, available, version,	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 get it get it get it get it get it get it get it get it get it	remarks - general: remarks - this release: .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-24 19/12/1997 5 . 0 . 0	withdrawn smg-25	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
	smg-21 14/02/1997 5 . 1 . 0		get it	<i>remarks - this release:</i>					
	smg-22 13/06/1997 5 . 2 . 0		get it						
	smg-24 19/12/1997 5 . 3 . 0		get it						
	NP-11 04/04/2001 5 . 4 . 0		get it						
<hr/>									
TS 08.51	Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 08.52	Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface - Interface Principles								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> Peter Skov THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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Server ACTIVE specs R96 08 .- series
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TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
R96	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-16 20/10/1995 5 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 08.56	BSC-BTS Layer 2; Specification				
R96	current version: 5.0.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-20 11/10/1996 5 . 0 . 0	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 08.58	Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
R96	current version: 5.10.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-16 20/10/1995 5 . 0 . 0	get it	remarks - general:		
	smg-17 02/02/1996 5 . 1 . 0	get it	remarks - this release: #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0		
			#25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0		
	smg-19 28/06/1996 5 . 2 . 0	get it			
	smg-21 14/02/1997 5 . 3 . 0	get it			
	smg-22 13/06/1997 5 . 4 . 0	get it			
	smg-23 17/10/1997 5 . 5 . 0	get it			
	smg-24 19/12/1997 5 . 6 . 0	get it			
	smg-25 20/03/1998 5 . 7 . 0	get it			
	smg-26 26/06/1998 5 . 8 . 0	get it			
	smg-29 25/06/1999 5 . 9 . 0	get it			
	smg-30 11/11/1999 5 . 10 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels
R96 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

R96

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: smg-22 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R96 current version: 5.17.1
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

smg-16	20/10/1995	5	.	0	.	0	get it	remarks - general: CN->N4 Apr00 (JMM)
smg-17	02/02/1996	5	.	1	.	0	get it	remarks - this release:
smg-18	12/04/1996	5	.	2	.	0	get it	
smg-19	28/06/1996	5	.	3	.	0	get it	
smg-20	11/10/1996	5	.	4	.	0	get it	
ETSI publication	03/06/1997	5	.	4	.	1	get it	
smg-21	14/02/1997	5	.	5	.	0	get it	
edito	23/05/1997	5	.	5	.	1	get it	
ETSI publication	05/11/1997	5	.	5	.	2	get it	
smg-22	13/06/1997	5	.	6	.	0	get it	
ETSI publication	02/02/1998	5	.	6	.	1	get it	
smg-23	17/10/1997	5	.	7	.	0	get it	
smg-24	19/12/1997	5	.	8	.	0	get it	
ETSI publication	23/07/1998	5	.	8	.	1	get it	
smg-25	20/03/1998	5	.	9	.	0	get it	
ETSI publication	09/03/1999	5	.	9	.	1	get it	
smg-26	26/06/1998	5	.	10	.	0	get it	
ETSI publication	05/09/1999	5	.	10	.	1	get it	
smg-27	16/10/1998	5	.	11	.	0	get it	
ETSI publication	23/03/1999	5	.	11	.	1	get it	
smg-28	12/02/1999	5	.	12	.	0	get it	
ETSI publication	04/08/1999	5	.	12	.	1	get it	
smg-29	25/06/1999	5	.	13	.	0	get it	
ETSI publication	29/12/1999	5	.	13	.	1	get it	
NP-05	08/10/1999	5	.	14	.	0	get it	
ETSI publication	09/05/2000	5	.	14	.	1	get it	
NP-06	15/12/1999	5	.	15	.	0	get it	
NP-09	13/11/2000	5	.	16	.	0	get it	
NP-15	04/04/2002	5	.	17	.	0	get it	
include SDLs	22/07/2002	5	.	17	.	1	get it	

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile								
R96	<i>current version:</i> Network (PLMN)	5.0.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes U:			MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>									
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes U:			MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes U:			MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
					<i>remarks - this release:</i>	#20: 5.0.0			
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R96	<i>current version:</i> Switched Data Transmission Services	5.0.2	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22		G: yes U:			MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i> smg-19 28/06/1996 5 . 0 . 0 smg-20 11/10/1996 5 . 0 . 1 ETSI Publication 11/11/1996 5 . 0 . 2			get it	<i>remarks - general:</i>	N3: "no R99 needed".			
				get it	<i>remarks - this release:</i>	#19: 5.0.0 #20: 5.0.1			
				get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R96	<i>current version: Network (PSTN)</i>	5.10.1	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting: smg-22</i>		G: yes	U:		MCC:	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0				get it	<i>remarks - general:</i>		
	smg-17 02/02/1996	5 . 0 . 1				get it	<i>remarks - this release: #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0</i>		
							<i>#23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0</i>		
	smg-18 12/04/1996	5 . 1 . 0				get it			
	smg-19 28/06/1996	5 . 2 . 0				get it			
	smg-20 11/10/1996	5 . 2 . 1				get it			
	smg-21 14/02/1997	5 . 3 . 0				get it			
	smg-22 13/06/1997	5 . 4 . 0				get it			
	smg-23 17/10/1997	5 . 5 . 0				get it			
	smg-24 19/12/1997	5 . 6 . 0				get it			
	smg-25 20/03/1998	5 . 7 . 0				get it			
	smg-27 16/10/1998	5 . 8 . 0				get it			
	smg-28 12/02/1999	5 . 9 . 0				get it			
	NP-06 15/12/1999	5 . 10 . 0				get it			
	ETSI Publication 05/07/2000	5 . 10 . 1				get it			

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R96	<i>current version: 5.1.0</i>		WG (prime / other):	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated		
	<i>freeze_meeting: smg-22</i>								
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0				get it	<i>remarks - general:</i>		
	smg-21 14/02/1997	5 . 1 . 0				get it	<i>remarks - this release: #20: 5.0.0 #21: 5.1.0</i>		

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R96	<i>current version: Procedures and the Mobile Application Part (MAP)</i>		5.2.0 WG (prime / other):	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
SONERA Corporation									
	<i>freeze_meeting: smg-22</i>		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0				get it	<i>remarks - general:</i>		
	smg-18 12/04/1996	5 . 1 . 0				get it	<i>remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0</i>		
	smg-23 17/10/1997	5 . 2 . 0				get it			

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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	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-19 28/06/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #19: 5.1.0			
<hr/>						
TS 09.78	CAMEL Application Part phase 2 (stage 3)					
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	smg-21 14/02/2000 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-23 17/10/1997 5 . 2 . 0	get it				
	smg-24 19/12/1997 5 . 3 . 0	get it				
	smg-25 20/03/1998 5 . 4 . 0	get it				
	smg-26 26/06/1998 5 . 5 . 0	get it				
	smg-28 12/02/1999 5 . 6 . 0	get it				
	smg-29 25/06/1999 5 . 7 . 0	get it				
<hr/>						
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</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> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i>	G: yes U:	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> JORGENSEN, Per Johan			
	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.		

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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:* SULTAN, Alain

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2 !
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
Editorial correction 11/11/1996 5 . 2 . 1 [get it](#)

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich SIEMENS AG
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-21 14/02/1997 1 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 1 . 1 . 0 [get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
smg-25 20/03/1998 5 . 0 . 0 [get it](#)
smg-28 12/02/1999 5 . 1 . 0 [get it](#)

TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* SULTAN, Alain

history (event, available, version,
draft 23/07/1997 1 . 0 . 1 [get it](#) *remarks - general:* still alive? June-2001:no. So no propogation to later releases.
smg-22 2 . 0 . 0 [get it](#) *remarks - this release:*
smg-22 13/06/1997 5 . 0 . 0 [get it](#)

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R96 current version: 5.5.0 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,

smg-30 11/11/1999 5 . 0 . 0

smg-31 16/02/2000 5 . 1 . 0

this spec from G5, and to approve a new R99 version not derived from R96

[get it](#)

remarks - general:

2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take

[get it](#)

remarks - this release:

GP-06: Rel-4 serves all releases. TP-17: T3 proposes to take over this spec from

also to withdraw the R96 version, since the R99 version will cover all

editorial 15/09/2000 5 . 1 . 1

previous Releases.

GP-02 30/11/2000 5 . 2 . 0

GP-04 29/03/2001 5 . 3 . 0

GP-04 11/04/2001 5 . 3 . 0

GP-06 31/08/2001 5 . 4 . 0

GP-07 09/01/2002 5 . 5 . 0

[get it](#)

G5, and to approve a new R99 version not derived from R96 by CR; also to by CR;

withdraw the R96 version, since the R99 version will cover all previous Releases.

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R96 current version: 5.10.1 WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-22 G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

smg-23 17/10/1997 5 . 7 . 0

smg-24 19/12/1997 5 . 8 . 0

smg-25 20/03/1998 5 . 9 . 0

smg-26 26/06/1998 5 . 10 . 0

Editorial correction 26/06/1998 5 . 10 . 1

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One
R96	<i>current version:</i> 5.9.0			
	<i>freeze_meeting:</i> smg-27			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus	
	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 11.21	Base Station System (BSS) equipment specification; Radio aspects	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,	
R96	<i>current version:</i> 5.5.0		<i>MCC:</i> USAI, Paolino	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		
	<i>history (event, available, version,</i>			
	smg-22 13/06/1997 5 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-23 17/10/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-25 20/03/1998 5 . 2 . 0	get it		
	smg-26 26/06/1998 5 . 3 . 0	get it		
	smg-27 16/10/1998 5 . 4 . 0	get it		
	Editorial correction 16/10/1998 5 . 4 . 1	get it		
	GP-09 15/05/2002 5 . 5 . 0	get it		

TS 11.26	Base Station System (BSS) equipment specification; Part 4: Repeaters	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,	
R96	<i>current version:</i> 5.2.1		<i>MCC:</i> USAI, Paolino	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		
	<i>history (event, available, version,</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		

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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http://www.3gpp.org/ftp/Specs/archive/12_series

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-22 13/06/1997 5 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 13/07/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.05 Subscriber Related Call and Event Data

R96 *current version:* 5.0.1 *WG (prime / other):* S5 / S1 *rapporteur:* BENDER, James Nortel Networks (USA)
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 17/10/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.08 Subscriber and Equipment trace

R96 *current version:* 5.1.1 *WG (prime / other):* S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 5 . 1 . 0 [get it](#) *remarks - this release:*
Editorial correction 20/03/1998 5 . 1 . 1 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R96 *current version:* 5.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release:

G = required in systems with GERAN access; U = required in systems with UMTS

Ph2

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:	G: yes	U:	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	smg-08 01/10/1993	4	.	0	.	2	get it	remarks - this release:	

TR 01.04	Abbreviations and acronyms								
Ph2	current version: 4.1.2	WG (prime / other):	GP / -	rapporteur:	CLAYTON, Michael	EMCOMLtd			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	1	get it	remarks - general:	
	smg-09 21/01/1994	4	.	0	.	3	get it	remarks - this release:	
	smg-10 15/04/1994	4	.	0	.	4	get it		
	smg-11 01/07/1994	4	.	1	.	0	get it		
	smg-12 07/10/1994	4	.	1	.	1	get it		
	smg-14 07/04/1994	4	.	1	.	2	get it		

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	current version: 4.6.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-07 25/06/1993	4 . 2 . 1		get it	remarks - general:		
	smg-08 01/10/1993	4 . 3 . 0		get it	remarks - this release:		
	smg-10 15/04/1994	4 . 4 . 0		get it			
	smg-11 01/07/1994	4 . 4 . 1		get it			
	smg-12 07/10/1994	4 . 5 . 0		get it			
	smg-15 07/07/1995	4 . 6 . 0		get it			

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	current version: 4.2.2	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited	
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-07 25/06/1993	4 . 1 . 1		get it	remarks - general:		
	smg-08 01/10/1993	4 . 2 . 0		get it	remarks - this release:		
	PT12 final draft 09/05/1994	4 . 2 . 1		get it			
	ETSI publication 10/06/1998	4 . 2 . 2		get it			

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)						
Ph2	current version: 4.3.1	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-07 25/06/1993	4 . 2 . 2		get it	remarks - general:		
	smg-11 01/07/1994	4 . 3 . 0		get it	remarks - this release:		
	ETSI publication 19/01/1996	4 . 3 . 1		get it			

TS 02.04	General on Supplementary Services						
Ph2	current version: 4.9.1	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited	
	freeze_meeting:	G: yes	U:	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	smg-07 25/06/1993	4 . 5 . 1		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-12 07/10/1994	4 . 8 . 0		get it			
	smg-15 07/07/1995	4 . 9 . 0		get it			
	smg-16 20/10/1995	4 . 9 . 1		get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

Ph2 current version: 4.5.2

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 1

smg-08 01/10/1993 4 . 2 . 0

smg-14 07/04/1995 4 . 3 . 0

smg-16 07/07/1995 4 . 4 . 0

smg-22 13/06/1997 4 . 5 . 0

ETSI OAP 21/07/1997 4 . 5 . 1

ETSI publication 14/01/1998 4 . 5 . 2

WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 02.07 Mobile Station (MS) Features

Ph2 current version: 4.8.2

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 4 . 1

smg-08 01/10/1993 4 . 4 . 2

smg-10 15/04/1994 4 . 5 . 0

smg-11 01/07/1994 4 . 6 . 0

smg-15 07/07/1995 4 . 7 . 0

smg-22 13/06/1997 4 . 8 . 0

ETSI OAP 21/07/1997 4 . 8 . 1

ETSI publication 14/01/1998 4 . 8 . 2

WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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TS 02.09 Security aspects

Ph2 current version: 4.5.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 1

smg-12 07/10/1994 4 . 3 . 0

smg-22 13/06/1997 4 . 4 . 0

ETSI publication 14/01/1998 4 . 4 . 1

SP-31 16/02/2000 4 . 5 . 0

ETSI publication 29/08/2000 4 . 5 . 1

WG (prime / other): S3 / S1 / rapporteur: CHRISTOFFERSSON, Telia Promotor AB
NP Per
G: yes U: MCC: POPE, Maurice

[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

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11 Service Accessibility

Ph2 *current version:* 4.9.0

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 5 . 1

smg-10 15/04/1994 4 . 6 . 0

ETSI OAP 21/08/1995 4 . 7 . 0

smg-16 20/10/1995 4 . 8 . 0

smg-17 02/02/1996 4 . 9 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

[get it](#)

TS 02.16 International Mobile Station Equipment Identities (IME)

Ph2 *current version:* 4.7.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 3 . 1

smg-12 07/10/1994 4 . 4 . 0

smg-13 27/01/1995 4 . 5 . 0

smg-30 11/11/1999 4 . 6 . 0

ETSI publication 07/07/2000 4 . 6 . 1

smg-08 01/10/1993 4 . 7 . 0

ETSI publication 28/11/2000 4 . 7 . 1

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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[get it](#)

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

Ph2 *current version:* 4.3.3

freeze_meeting:

history (event, available, version,

.. 30/08/2001 4 . 0 . 0

smg-02 30/08/2001 4 . 1 . 0 167/92

smg-05 25/06/1993 4 . 2 . 0 98/93

.. 30/08/2001 4 . 2 . 1

smg-08 4 . 3 . 0

.. 01/10/1993 4 . 3 . 1

.. 30/08/2001 4 . 3 . 2

ETSI PE 01/11/1993 4 . 3 . 2

ETSI publication 13/09/1994 4 . 3 . 3

WG (prime / other): T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD
G: yes U: *MCC:* DIETZE, Claus

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.24	Description of Charge Advice Information (CAI)					
Ph2	current version: 4.5.0	WG (prime / other): S1 /	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 1 . 1	get it	remarks - general:			
	smg-08 01/10/1993 4 . 2 . 0	get it	remarks - this release:			
	smg-09 21/01/1994 4 . 2 . 1	get it				
	smg-10 15/04/1994 4 . 3 . 0	get it				
	smg-11 01/07/1994 4 . 4 . 0	get it				
	smg-15 07/07/1995 4 . 5 . 0	get it				
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
Ph2	current version: 4.13.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 9 . 1	get it	remarks - general:			
	smg-08 01/10/1993 4 . 10 . 0	get it	remarks - this release:			
	smg-10 15/04/1994 4 . 11 . 0	get it				
	smg-12 07/10/1995 4 . 12 . 0	get it				
	smg-13 27/01/1995 4 . 13 . 0	get it				
TS 02.40	Procedures for Call Progress Indications					
Ph2	current version: 4.5.0	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 2 . 1	get it	remarks - general:			
	smg-09 21/01/1994 4 . 3 . 0	get it	remarks - this release:			
	smg-10 15/04/1994 4 . 4 . 0	get it				
	smg-14 07/04/1995 4 . 5 . 0	get it				
TS 02.41	Operator Determined Barring					
Ph2	current version: 4.5.2	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 4 . 1	get it	remarks - general:			
	smg-08 01/10/1993 4 . 5 . 0	get it	remarks - this release:			
	ETSI PE 11/10/1993 4 . 5 . 1	get it				
	ETSI publication 13/09/1994 4 . 5 . 2	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 02 .- series
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:

history (event, available, version,

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

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola TELIA AB
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.3.1 #10: 4.4.0 #11: 4.4.1 #12: 4.5.0 #16: 4.5.1 #24: 4.6.0

[get it](#)

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TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 current version: 4.5.2

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 4 . 2

smg-10 15/04/1994 4 . 5 . 0

smg-16 20/10/1995 4 . 5 . 2

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2

[get it](#)

TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 current version: 4.6.7

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 6 . 3

smg-10 15/04/1994 4 . 6 . 5

smg-16 20/10/1995 4 . 6 . 7

WG (prime / other): S1 / - rapporteur: JORGENSEN, Niels H. TDC TELE DANMARK A/S
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7

[get it](#)

TS 02.84 MultiParty (MPTY) Supplementary Services; Stage 1

Ph2 current version: 4.4.7

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 4 . 2

smg-11 01/07/1994 4 . 4 . 5

smg-16 20/10/1995 4 . 4 . 7

WG (prime / other): S1 / - rapporteur: POSTMANN, Erwin SIEMENS AG
G: yes U: MCC: CLAYTON, Michael

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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ACTIVE specs Ph2 02 .- series
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TS 02.85 Closed User Group (CUG) Supplementary Services; Stage 1

Ph2 *current version:* 4.2.6
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 2
smg-16 20/10/1995 4 . 2 . 6

WG (prime / other): S1 / - *rapporteur:* BLOMSTRAND, Ola TELIA AB
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.2.2 #16: 4.2.6*

TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

Ph2 *current version:* 4.1.5
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1
smg-16 01/10/1993 4 . 1 . 5

WG (prime / other): S1 / - *rapporteur:* CRAWFORD, Ian VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.1.1 #16: 4.1.5*

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.3
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0
smg-08 01/10/1993 4 . 4 . 0
smg-16 27/01/1995 4 . 4 . 3

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3*
[get it](#)

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2 *current version:* 4.1.1
freeze_meeting:
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 1
smg-21 14/02/1997 4 . 1 . 0
ETSI publication 15/09/1997 4 . 1 . 1

WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #8: 4.0.1 #21: 4.1.0*
[get it](#)

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions								
Ph2	current version: 4.0.4			WG (prime / other): S2 / NP	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB			
	freeze_meeting:			G: yes U:	MCC: SULTAN, Alain				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general: SMG3->SA2 @ TSG#7	
	ETSI Publication 25/07/1993	4	.	0	.	4	get it	remarks - this release: #7: 4.0.1	
TS 03.02	Network Architecture								
Ph2	current version: 4.2.1			WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting:			T2	MCC: SULTAN, Alain				
	history (event, available, version,			G: yes U:					
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	smg-17 02/02/1996	4	.	1	.	0	get it	remarks - this release: #7: 4.0.1 #17: 4.1.0 #18: 4.2.1	
	smg-18 12/04/1996	4	.	2	.	1	get it		
TS 03.03	Numbering, Addressing and Identification								
Ph2	current version: 4.11.1			WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE Group Plc			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	get it	remarks - general:	
	smg-08 01/10/1993	4	.	6	.	0	get it	remarks - this release:	
	smg-09 21/01/1994	4	.	8	.	0	get it		
	smg-12 07/10/1994	4	.	9	.	0	get it		
	NP-07 17/03/2000	4	.	10	.	0	get it		
	NP-08 23/06/2000	4	.	11	.	0	get it		
	Editorial 04/01/2001	4	.	11	.	1	get it		
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers								
Ph2	current version: 4.0.4			WG (prime / other): N4 / SPA	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation			
	freeze_meeting:			N /					
	history (event, available, version,			T2	MCC: KYMALAINEN, Kimmo				
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	Publication 19/01/1996	4	.	0	.	4	get it	remarks - this release: #7: 4.0.1	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
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>			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	0	.	0		get it	<i>remarks - general:</i>
	smg-19 28/06/1996	4	.	1	.	0		get it	<i>remarks - this release: #7: 4.0.0 #19:4.1.0</i>
<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>			<i>G: yes U:</i>	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	2	.	0		get it	<i>remarks - general:</i>
	smg-10 15/04/1994	4	.	3	.	0		get it	<i>remarks - this release:</i>
	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>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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,	Ericsson Incorporated			
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> Rouzbeh JORGENSEN, Per Johan				
	<i>history (event, available, version,</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: #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</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-12 07/10/1994	4	.	5	.	0		get it	
	smg-17 02/02/1996	4	.	6	.	0		get it	

G = required in systems with GERAN acces; U = required in systems w ith UMTS

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Server ACTIVE specs Ph2 03 .- series
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
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1
smg-08 01/10/1993 4 . 3 . 0
Publication 13/09/1994 4 . 3 . 1

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
G: yes U: MCC: BOSWARTHICK, David
[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)

TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2
current version: 4.10.1
freeze_meeting:
history (event, available, version,
smg-07 4 . 4 . 0
ETSI public 24/10/2002 4 . 4 . 1
enquiry
smg-09 4 . 5 . 0
smg-10 4 . 6 . 0
smg-11 4 . 7 . 0
smg-12 24/10/2002 4 . 8 . 0 ETSI vote version
ETSI publication 24/10/2002 4 . 8 . 1
smg-14 24/10/2002 4 . 9 . 0 ETSI oap version
ETSI publication 24/10/2002 4 . 9 . 1
ETSI public enquiry
smg-18 12/04/1996 4 . 10 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: MCC: KYMALAINEN, Kimmo
[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.12 Location Registration Procedures

Ph2
current version: 4.4.2
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0
smg-08 01/10/1993 4 . 4 . 0
Publication 13/09/1994 4 . 4 . 2

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation
G: yes U: MCC: KYMALAINEN, Kimmo
[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.3.0 #8: 4.4.0
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1
Publication 13/09/1994 4 . 0 . 4

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: *MCC:* USAI, Paolino

Telecom Italia Lab S.p.A.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.0.1*

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph2 *current version:* 4.1.1
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0
smg-10 15/04/1994 4 . 1 . 0
Publication 13/09/1994 4 . 1 . 1

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: *MCC:* JORGENSEN, Per Johan

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.0.0 #10: 4.1.0*
[get it](#)

TS 03.15 Technical Realization of Operator Determined Barring

Ph2 *current version:* 4.3.1
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-10 15/04/1994 4 . 3 . 0
Publication 13/09/1994 4 . 3 . 1

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David
G: yes U: *MCC:* KYMALAINEN, Kimmo

VODAFONE LTD

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.2.0 #10: 4.3.0*
[get it](#)

TS 03.16 Subscriber Data Management

Ph2 *current version:* 4.2.1
freeze_meeting:
history (event, available, version,
smg-14 07/04/1995 4 . 1 . 0
smg-16 20/10/1995 4 . 1 . 1
smg-18 12/04/1996 4 . 2 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: *MCC:* KYMALAINEN, Kimmo

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.20 Security-related Network Functions

Ph2
current version: 4.4.1
freeze_meeting:

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom
GP
G: yes U: MCC: POPE, Maurice

history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1
smg-10 15/04/1994 4 . 3 . 0
smg-17 02/02/1996 4 . 3 . 2
smg-21 14/02/1997 4 . 4 . 0
Publication 26/08/1997 4 . 4 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)

TS 03.22 Functions related to Mobile Station (MS) in idle mode and group receive mode

Ph2
current version: 4.11.0
freeze_meeting:

WG (prime / other): G1 / N1 rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0
smg-09 21/01/1994 4 . 5 . 0
smg-10 15/04/1994 4 . 6 . 0
smg-11 01/07/1994 4 . 7 . 0
smg-12 07/10/1994 4 . 8 . 0
smg-14 07/04/1995 4 . 9 . 0
smg-16 20/10/1995 4 . 10 . 0
smg-17 02/02/1996 4 . 11 . 0

[get it](#) remarks - general: Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and
[get it](#) remarks - this release: group receive mode".
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 03.26 Multiband operation of GSM/DCS 1800 by a single operator

Ph2
current version: 4.3.0
freeze_meeting:

WG (prime / other): G1 / NP rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-18 12/04/1996 4 . 1 . 0
smg-22 13/06/1997 4 . 2 . 0
smg-23 17/10/1997 4 . 3 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
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TR 03.30 Radio Network Planning Aspects

Ph2 current version: 4.3.0
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-09 21/01/1994 4 . 2 . 1
smg-13 27/01/1995 4 . 3 . 0

WG (prime / other): GP / - rapporteur: TEGTH, Ulf TELIA AB
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.2.0 #9: 4.2.1 #13: 4.3.0
[get it](#)

TS 03.38 Alphabets and language-specific information

Ph2 current version: 4.0.1
freeze_meeting:
history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0
Publication 13/09/1994 4 . 0 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:
[get it](#) remarks - this release: #10: 4.0.0

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

Ph2 current version: 4.13.0
freeze_meeting:
history (event, available, version,
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

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

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:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	4	.	1	get it	remarks - general:	
	smg-08 01/10/1993	4	.	5	.	0	get it	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	get it		
	smg-10 15/04/1994	4	.	7	.	0	get it		
	smg-11 01/07/1994	4	.	8	.	0	get it		
	smg-12 07/10/1994	4	.	9	.	0	get it		
	smg-13 27/01/1995	4	.	10	.	0	get it		
	smg-16 20/10/1995	4	.	11	.	0	get it		

TR 03.43	Support of Videotex								
Ph2	current version: 4.1.2	WG (prime / other):	T2 / -	rapporteur:	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	1	.	1	get it	remarks - general:	
	Editorial 19/01/1996	4	.	1	.	2	get it	remarks - this release:	

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph2	current version: 4.0.1	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	get it	remarks - general:	
	Editorial 30/07/1998	4	.	0	.	1	get it	remarks - this release:	

TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph2	current version: 4.5.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	2	.	1	get it	remarks - general:	
	smg-08 01/10/1993	4	.	3	.	0	get it	remarks - this release:	
	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		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
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TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#)
Publication 19/01/1996 4 . 1 . 2 [get it](#)

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: G: yes U: *MCC:* Friedhelm
RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 2 . 1 [get it](#)
smg-18 12/04/1996 4 . 4 . 0 [get it](#)

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

Ph2 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: G: yes U: *MCC:* Friedhelm
RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release: #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0*
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
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								
Ph2	current version: 4.6.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	get it	remarks - general:	
	smg-09 21/01/1994	4	.	1	.	0	get it	remarks - this release:	#8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0
	smg-15 07/07/1995	4	.	2	.	0	get it		
	smg-24 19/12/1997	4	.	3	.	0	get it		
	smg-25 20/03/1998	4	.	4	.	0	get it		
	smg-27 16/10/1998	4	.	5	.	0	get it		
	smg-28 12/02/1999	4	.	6	.	0	get it		
	Editorial 12/03/1999	4	.	6	.	1	get it		

TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)								
Ph2	current version: 4.0.3	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	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		

TS 03.81	Line Identification Supplementary Services; Stage 2								
Ph2	current version: 4.8.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	SONERA Corporation			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	1	.	0	get it	remarks - general:	
	smg-09 01/10/1993	4	.	2	.	0	get it	remarks - this release:	#7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #19: 4.6.0 #24: 4.7.0 #26: 4.8.0
	smg-10 15/04/1994	4	.	3	.	0	get it		
	smg-11 01/07/1994	4	.	4	.	0	get it		
	smg-12 07/10/1994	4	.	5	.	0	get it		
	smg-19 28/06/1996	4	.	6	.	0	get it		
	smg-24 19/12/1997	4	.	7	.	0	get it		
	smg-26 26/06/1998	4	.	8	.	0	get it		
	Editorial 26/07/1998	4	.	8	.	1	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

Ph2 current version: 4.8.1

freeze_meeting:

history (event, available, version,

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 SONERA Corporation
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](#)

TS 03.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2

Ph2 current version: 4.4.1

freeze_meeting:

history (event, available, version,

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](#)

TS 03.84 Multi Party (MPPTY) Supplementary Services; Stage 2

Ph2 current version: 4.4.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 0
smg-09 21/01/1994 4 . 2 . 0
smg-10 15/04/1994 4 . 3 . 0
smg-12 07/10/1994 4 . 4 . 0
Editorial 07/11/1994 4 . 4 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0
[get it](#)
[get it](#)

TS 03.85 Closed user Group (CUG) Supplementary Services; Stage 2

Ph2 current version: 4.2.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 0 . 0
smg-08 01/10/1993 4 . 1 . 0
smg-13 27/01/1995 4 . 2 . 0
Editorial 27/02/1995 4 . 2 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[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

3GPP specification status

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Server ACTIVE specs Ph2 03 .- series
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TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2 current version: 4.6.1

freeze_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	0
smg-08	01/10/1993	4	.	2	.	0
smg-09	21/01/1994	4	.	3	.	0
smg-10	15/04/1994	4	.	4	.	0
smg-11	01/07/1994	4	.	5	.	0
smg-12	07/10/1994	4	.	6	.	0
Editorial	07/11/1994	4	.	6	.	1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 current version: 4.6.1

freeze_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	0
smg-10	15/04/1994	4	.	5	.	0
smg-12	07/10/1994	4	.	6	.	0
Editorial	07/11/1994	4	.	6	.	1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0

[get it](#)

[get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 current version: 4.1.1

freeze_meeting:

history (event, available, version,

smg-08	01/10/1993	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
Editorial	07/08/1995	4	.	1	.	1

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #8: 4.0.0 #15: 4.1.0

[get it](#)

Ph2

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles								
Ph2	current version: 4.0.4	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1			
	ETSI publication 19/01/1996	4	.	0	.	4	get it	remarks - general:	
							get it	remarks - this release: #7: 4.0.1	
<hr/>									
TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration								
Ph2	current version: 4.0.4	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	ETSI publication 19/01/1996	4	.	0	.	4	get it	remarks - this release: #7: 4.0.1	
<hr/>									
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities								
Ph2	current version: 4.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	smg-10 15/04/1994	4	.	1	.	0	get it	remarks - this release:	
	Editorial 15/05/1994	4	.	1	.	1	get it		
<hr/>									
TS 04.04	Layer 1 - General Requirements								
Ph2	current version: 4.0.4	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	ETSI publication 13/09/1994	4	.	0	.	4	get it	remarks - this release:	
<hr/>									
TS 04.05	Data Link (DL) Layer General Aspects								
Ph2	current version: 4.0.3	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting:				Peter Skov				
		G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	get it	remarks - general:	
	ETSI publication 13/09/1994	4	.	0	.	3	get it	remarks - this release:	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

Ph2 *current version:* 4.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 4 . 0 [get it](#)

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 *current version:* 4.3.1 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 3 . 0 [get it](#)
ETSI Publication 07/11/1997 4 . 3 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph2 current version: 4.23.1

freeze_meeting:

history (event, available, version,

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

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#)

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

remarks - this release: Thomasen (even numbered CRs!)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
Ph2	current version: 4.10.1	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 4 . 0		get it	remarks - general:	
	smg-08 01/10/1993	4 . 5 . 0		get it	remarks - this release:	
	smg-09 21/01/1994	4 . 6 . 0		get it		
	smg-10 15/04/1994	4 . 7 . 0		get it		
	smg-11 01/07/1994	4 . 8 . 0		get it		
	smg-13 27/01/1995	4 . 9 . 0		get it		
	smg-17 02/02/1996	4 . 10 . 0		get it		
	Editorial 02/03/1996	4 . 10 . 1		get it		
<hr/>						
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:	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 3 . 0		get it	remarks - general:	
	smg-08 01/10/1993	4 . 4 . 0		get it	remarks - this release:	
	smg-10 15/04/1994	4 . 5 . 0		get it		
	smg-11 01/07/1994	4 . 6 . 0		get it		
	smg-12 07/10/1994	4 . 7 . 0		get it		
	smg-14 07/04/1995	4 . 8 . 0		get it		
	smg-16 20/10/1995	4 . 9 . 0		get it		
	smg-17 02/02/1996	4 . 10 . 0		get it		
	NP-09 04/10/2000	4 . 11 . 0		get it		
<hr/>						
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
Ph2	current version: 4.6.0	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-07 25/06/1993	4 . 1 . 1		get it	remarks - general:	
	smg-10 15/04/1994	4 . 2 . 0		get it	remarks - this release: #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0	
	smg-11 01/07/1994	4 . 3 . 0		get it		
	smg-12 07/10/1994	4 . 4 . 0		get it		
	smg-16 20/10/1995	4 . 6 . 0		get it		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.13 Performance Requirements on Mobile Radio Interface

Ph2 current version: 4.2.0

freeze_meeting:

history (event, available, version,

smg-10 15/04/1994 4 . 0 . 0

smg-14 07/04/1995 4 . 0 . 2

smg-15 07/07/1995 4 . 1 . 0

smg-16 20/10/1995 4 . 2 . 0

WG (prime / other): N1 / - rapporteur: PUDNEY, Chris VODA FONE Group Plc
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[get it](#) remarks - this release: #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0

[get it](#)

[get it](#)

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2 current version: 4.6.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 1

smg-08 01/10/1993 4 . 3 . 0

smg-11 01/07/1994 4 . 4 . 0

smg-13 27/01/1995 4 . 5 . 0

smg-14 07/04/1995 4 . 6 . 0

published version 02/03/2000 4 . 6 . 1

of ETS replacing
OAP v

WG (prime / other): N3 / - rapporteur: RÄSÄNEN, Juha NOKIA Corporation
G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published
version of ETS replacing OAP version

[get it](#)

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TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

Ph2 current version: Switching Centre (BSS - MSC) interface

SIEMENS AG

4.5.1 WG (prime / other): N3 / - rapporteur: KLEHN, Norbert

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 2 . 2

smg-08 01/10/1993 4 . 3 . 0

smg-13 27/01/1995 4 . 4 . 0

smg-25 20/03/1998 4 . 5 . 0

Editorial 20/04/1998 4 . 5 . 1

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general:

[get it](#) remarks - this release: #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0

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G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
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	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 7 . 0	get it	remarks - general:		
	smg-09 21/01/1994 4 . 9 . 0	get it	remarks - this release:		
	smg-16 20/10/1995 4 . 10 . 0	get it			
	ETSI publication 23/08/1996 4 . 10 . 1	get it			
	smg-17 02/02/1996 4 . 11 . 0	get it			
	ETSI publication 23/08/1996 4 . 11 . 1	get it			

TS 04.81	Line Identification Supplementary Services; Stage 3				
Ph2	current version: 4.4.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 2 . 0	get it	remarks - general:		
	smg-10 15/04/1994 4 . 3 . 0	get it	remarks - this release: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0		
	smg-12 07/10/1994 4 . 4 . 0	get it			
	ETSI Publication 07/11/1994 4 . 4 . 1	get it			

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3				
Ph2	current version: 4.9.1	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 6 . 0	get it	remarks - general:		
	smg-11 01/07/1994 4 . 7 . 0	get it	remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0		
	smg-12 07/10/1994 4 . 8 . 0	get it			
	smg-17 02/02/1996 4 . 9 . 0	get it			
	Editorial 02/03/1996 4 . 9 . 1	get it			

TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
Ph2	current version: 4.6.1	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 4 . 0	get it	remarks - general:		
	smg-09 21/01/1994 4 . 5 . 0	get it	remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0		
	smg-17 02/02/1996 4 . 6 . 0	get it			
	Editorial 02/03/1996 4 . 6 . 1	get it			

G = required in systems with GERA N acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.84 Multi Party (MPHY) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-09 21/01/1994 4 . 3 . 0
ETSI Publication 21/02/1994 4 . 3 . 2

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen
G: yes U: MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.2.0 #9: 4.3.0*
[get it](#)

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0
smg-18 12/04/1996 4 . 1 . 0
Editorial 12/05/1996 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.0.0 #18: 4.1.0*
[get it](#)

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-08 01/10/1993 4 . 4 . 0
smg-11 01/07/1994 4 . 5 . 0
ETSI Publication 14/03/1995 4 . 5 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.2.0 #8: 4.4.0 #11: 4.5.0*
[get it](#)
[get it](#)

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 6 . 0
smg-17 02/02/1996 4 . 7 . 0
Editorial 02/03/1996 4 . 7 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.6.0 #17: 4.7.0*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 current version: 4.1.1

freeze_meeting:

history (event, available, version,

smg-08 01/10/1993 4 . 0 . 0

smg-12 07/10/1994 4 . 1 . 0

Editorial 07/11/1994 4 . 1 . 1

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

G: yes U: MCC: KYMALAINEN, Kimmo

SONERA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #8: 4.0.0 #12: 4.1.0

[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

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 0

smg-08 01/10/1993 4 . 2 . 0

smg-10 15/04/1994 4 . 3 . 0

smg-13 27/01/1995 4 . 4 . 0

smg-14 07/04/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 6 . 0

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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[get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 current version: 4.11.0

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 3 . 0

smg-09 21/01/1994 4 . 4 . 0

smg-15 07/07/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 6 . 0

smg-17 02/02/1996 4 . 7 . 0

smg-20 11/10/1996 4 . 8 . 0

smg-22 13/06/1997 4 . 9 . 0

smg-28 12/02/1999 4 . 10 . 0

ETSI Publication 22/07/1999 4 . 10 . 1

GP-06 01/10/2001 4 . 11 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding								
Ph2	<i>current version:</i> 4.5.1								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	1	.	0		get it	<i>remarks - general:</i>
	smg-13 27/01/1995	4	.	2	.	0		get it	<i>remarks - this release: #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0</i>
	smg-15 07/07/1995	4	.	3	.	0		get it	
	smg-21 14/02/1997	4	.	4	.	0		get it	
	smg-22 13/06/1997	4	.	5	.	0		get it	
	Editorial 13/07/1997	4	.	5	.	1		get it	

TS 05.04	Modulation								
Ph2	<i>current version:</i> 4.0.3								
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI publication 13/09/1994	4	.	0	.	3		get it	<i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

Ph2 current version: 4.23.1

freeze_meeting:

history (event, available, version,

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

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

Ph2 current version: 4.22.1

freeze_meeting:

history (event, available, version,

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

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

G: yes U:

MCC: USAI, Paolino

VODAFONE Group Plc

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 05.10 Radio subsystem synchronization

Ph2 current version: 4.9.0

freeze_meeting:

history (event, available, version,

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

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U:

MCC: USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) remarks - general:
[get it](#) remarks - this release:

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ACTIVE specs Ph2 05 .- series
Server 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>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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	MOTOROLA A/S	
	<i>freeze_meeting:</i>	G: yes U:	Peter Skov		
	<i>history (event, available, version,</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>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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			

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
Ph2	current version: 4.0.2	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-13 27/01/1995	4	.	0	.	0
	ETSI Publication 19/12/1995	4	.	0	.	2
		get it		remarks - general:		
		get it		remarks - this release: #13: 4.0.0		

TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec					
Ph2	current version: 4.2.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-13 27/01/1995	4	.	0	.	0
	smg-16 20/10/1995	4	.	0	.	2
	smg-17 02/02/1996	4	.	1	.	0
	smg-23 17/10/1997	4	.	2	.	0
	Editorial 17/11/1997	4	.	2	.	1
		get it		remarks - general:		
		get it		remarks - this release: #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0		
		get it				
		get it				

TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Ph2	current version: 4.2.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-13 27/01/1995	4	.	0	.	0
	smg-20 11/10/1996	4	.	1	.	0
	smg-22 13/06/1997	4	.	2	.	0
	Editorial 13/07/1997	4	.	2	.	1
		get it		remarks - general:		
		get it		remarks - this release: #13: 4.0.0 #20: 4.1.0 #22: 4.2.0		
		get it				
		get it				

TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Ph2	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-16 20/10/1995	4	.	0	.	0
		get it		remarks - general:		
				remarks - this release: #16: 4.0.0		

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10 Full Rate Speech Transcoding

Ph2 *current version:* 4.3.0
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0
smg-23 17/10/1997 4 . 1 . 0
smg-32 20/06/2000 4 . 2 . 0
Editorial 20/07/2000 4 . 2 . 1
Correction of 29/06/2001 4 . 3 . 0
figure 3.2

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar
G: yes U: MCC: USAI, Paolino

PHILIPS Semiconductors

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph2 *current version:* 4.0.6
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1
smg-23 17/10/1997 4 . 0 . 5
ETSI Publication 07/04/1998 4 . 0 . 6

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William
G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.0.1 #23: 4.0.5*
[get it](#)

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph2 *current version:* 4.1.0
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1
ETSI Publication 13/09/1994 4 . 0 . 4
SP-12 29/06/2001 4 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* SERENO, Daniele
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #7: 4.0.1*
[get it](#)

TS 06.20 Half Rate Speech Transcoding

Ph2 *current version:* 4.3.1
freeze_meeting:
history (event, available, version,
smg-13 27/01/1995 4 . 0 . 0
smg-14 07/04/1995 4 . 1 . 0
smg-17 02/02/1996 4 . 3 . 0
ETSI Publication 03/03/1996 4 . 3 . 1

WG (prime / other): S4 / - *rapporteur:* AFTELAK, Steve
G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0*
[get it](#)
[get it](#)

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels				
Ph2	current version: 4.0.2	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	get it	remarks - general:		
	ETSI Publication 19/12/1995 4 . 0 . 2	get it	remarks - this release: #13: 4.0.0		
<hr/>					
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels				
Ph2	current version: 4.1.1	WG (prime / other): S4 / -	rapporteur: AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	get it	remarks - general:		
	smg-15 07/07/1995 4 . 1 . 0	get it	remarks - this release: #13: 4.0.0 #15: 4.1.0		
	Editorial 07/08/1995 4 . 1 . 1	get it			
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
Ph2	current version: 4.0.5	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	get it	remarks - general:		
	smg-23 17/10/1997 4 . 0 . 5	get it	remarks - this release: #7: 4.0.1 #23: 4.0.5		
<hr/>					
TS 06.32	Voice Activity Detection (VAD)				
Ph2	current version: 4.3.1	WG (prime / other): S4 / -	rapporteur: BARRETT, Paul	Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	get it	remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0	get it	remarks - this release: #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0		
	smg-17 02/02/1996 4 . 2 . 0	get it			
	smg-23 17/10/1997 4 . 3 . 0	get it			
	Editorial 17/11/1997 4 . 3 . 1	get it			

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Server ACTIVE specs Ph2 06 .- series
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>	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-13 27/01/1995 4 . 0 . 0		get it <i>remarks - general:</i>						
	ETSI Publication 19/02/1995 4 . 0 . 2		get it <i>remarks - this release: #13: 4.0.0</i>						
<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>	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-13 27/01/1995 4 . 0 . 0		get it <i>remarks - general:</i>						
	smg-15 07/07/1995 4 . 1 . 0		get it <i>remarks - this release: #13: 4.0.0 #15: 4.1.0</i>						
	Editorial 07/08/1995 4 . 1 . 1		get it						
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation					
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-22 13/06/1997 4 . 0 . 0		get it <i>remarks - general:</i>						
	ETSI publication 31/12/1997 4 . 0 . 1		get it <i>remarks - this release: #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0</i>						
	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>	G: yes U:	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-23 17/10/1997 4 . 0 . 1		get it <i>remarks - general:</i>						
			<i>remarks - this release:</i>						

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
Ph2	current version: 4.2.0	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-22 13/06/1997 4 . 0 . 0	get it	remarks - general:			
	ETSI publication 29/09/1998 4 . 0 . 1	get it	remarks - this release:			
	smg-32 20/06/2000 4 . 1 . 0	get it				
	SP-10 20/12/2000 4 . 2 . 0	get it				
TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
Ph2	current version: 4.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-22 13/06/1997 4 . 0 . 0	get it	remarks - general:			
			remarks - this release: #22: 4.0.0			
TS 06.60	Enhanced full rate speech transcoding					
Ph2	current version: 4.1.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-23 17/10/1997 4 . 0 . 0	get it	remarks - general:			
	smg-25 20/03/1998 4 . 1 . 0	get it	remarks - this release: #23: 4.0.1 #25: 4.1.0			
	ETSI Publication 24/08/2000 4 . 1 . 1	get it				
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Ph2	current version: 4.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-22 13/06/1997 4 . 0 . 0	get it	remarks - general:			
	Editorial 13/07/1997 4 . 0 . 1	get it	remarks - this release: #22: 4.0.0			
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Ph2	current version: 4.0.1	WG (prime / other): S4 / -	rapporteur: JÄRVINEN, Kari	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-23 17/10/1997 4 . 0 . 1	get it	remarks - general:			
			remarks - this release: #23: 4.0.1			

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ACTIVE specs Ph2 06 .- series
Server http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech channels
Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech channels
Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

Ph2 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 7 . 0 [get it](#)
smg-13 27/01/1995 4 . 8 . 0 [get it](#)
smg-15 07/07/1995 4 . 9 . 0 [get it](#)
smg-16 20/10/1995 4 . 10 . 0 [get it](#)

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Server ACTIVE specs Ph2 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 4 . 2 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.4.2 #11: 4.5.0*
smg-11 01/07/1994 4 . 5 . 0 [get it](#)
Editorial 01/08/1994 4 . 5 . 1 [get it](#)

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0*
Editorial 21/02/1994 4 . 5 . 1 [get it](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

Ph2 *current version:* 4.8.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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ACTIVE specs Ph2 07 .- series
Server http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 current version: 4.4.1

freeze_meeting:

history (event, available, version,

smg-16	20/10/1995	4	.	0	.	0
smg-18	12/04/1996	4	.	1	.	0
smg-24	19/12/1997	4	.	2	.	0
smg-25	20/03/1998	4	.	3	.	0
smg-27	16/10/1998	4	.	4	.	0
Editorial	16/11/1998	4	.	4	.	1

WG (prime / other): T2 / - rapporteur: TOMÉ, Olga Telefon AB LM Ericsson

G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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[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

freeze_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0
ETSI Publication	13/09/1994	4	.	0	.	3

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

G: yes U: MCC: THOMASEN, Gert

[get it](#) remarks - general:

[get it](#) remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 current version: 4.2.0

freeze_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0
smg-10	15/04/1994	4	.	1	.	0
smg-13	27/01/1995	4	.	2	.	0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

Peter Skov

G: yes U: MCC: THOMASEN, Gert

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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Server ACTIVE specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Ph2	current version: 4.0.3	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-07 25/06/1993	4	.	0	.	0
	ETSI Publication 13/09/1994	4	.	0	.	3
		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					
Ph2	current version: 4.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-07 25/06/1993	4	.	1	.	0
	smg-08 01/10/1993	4	.	2	.	0
	smg-09 21/01/1994	4	.	3	.	0
	smg-10 15/04/1994	4	.	4	.	0
	smg-12 07/10/1994	4	.	5	.	0
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
		get it				
		get it				

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph2	current version: 4.12.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-07 25/06/1993	4	.	4	.	0
	smg-08 01/10/1993	4	.	5	.	0
	smg-09 21/01/1994	4	.	6	.	0
	smg-10 15/04/1994	4	.	7	.	0
	smg-13 27/01/1995	4	.	8	.	0
	smg-15 07/07/1995	4	.	9	.	0
	smg-16 20/10/1995	4	.	10	.	0
	smg-17 02/02/1996	4	.	11	.	0
	smg-23 17/10/1997	4	.	12	.	0
	ETSI Publication 23/10/1998	4	.	12	.	1
		get it		remarks - general:		
		get it		remarks - this release:		
		get it				
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TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Ph2	current version: 4.2.3	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation		
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David			
	history (event, available, version,					
	smg-07 25/06/1993 4 . 2 . 1				get it	remarks - general:
	smg-13 27/01/1995 4 . 2 . 3				get it	remarks - this release:
TS 08.51	Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-07 25/06/1993 4 . 0 . 1				get it	remarks - general:
	smg-13 27/01/1995 4 . 1 . 0				get it	remarks - this release:
TS 08.52	Base Station Controller- Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Ph2	current version: 4.2.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-07 25/06/1993 4 . 0 . 1				get it	remarks - general:
	smg-13 27/01/1995 4 . 1 . 0				get it	remarks - this release:
	smg-14 07/04/1995 4 . 2 . 0				get it	
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
Ph2	current version: 4.1.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-07 26/06/1993 4 . 0 . 1				get it	remarks - general:
	smg-13 27/01/1995 4 . 1 . 0				get it	remarks - this release:
TS 08.56	BSC-BTS Layer 2; Specification					
Ph2	current version: 4.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	freeze_meeting:	G: yes U:	Peter Skov			
	history (event, available, version,		THOMASEN, Gert			
	smg-08 01/10/1993 4 . 0 . 0				get it	remarks - general:
	ETSI Publication 13/09/1994 4 . 0 . 2				get it	remarks - this release:

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TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification								
Ph2	<i>current version:</i> 4.9.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S			
	<i>freeze_meeting:</i>			Peter Skov					
			G: yes U:	MCC: THOMASEN, Gert					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0	get it	<i>remarks - general:</i>					
	smg-08 01/10/1993	4 . 4 . 0	get it	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0					
	smg-09 21/01/1994	4 . 5 . 0	get it						
	smg-10 15/04/1994	4 . 6 . 0	get it						
	smg-13 27/01/1995	4 . 7 . 0	get it						
	smg-15 07/07/1995	4 . 8 . 0	get it						
	smg-16 20/10/1995	4 . 9 . 0	get it						

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels								
Ph2	<i>current version:</i> 4.4.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S			
	<i>freeze_meeting:</i>			Peter Skov					
			G: yes U:	MCC: USAI, Paolino					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 1 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.					
	smg-13 27/01/1995	4 . 2 . 0	get it	<i>remarks - this release:</i>					
	smg-22 13/06/1997	4 . 3 . 0	get it						
	smg-23 17/10/1997	4 . 4 . 0	get it						
	Editorial 17/11/1997	4 . 4 . 1	get it						

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels								
Ph2	<i>current version:</i> 4.0.2		<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S			
	<i>freeze_meeting:</i>			Peter Skov					
			G: yes U:	MCC: USAI, Paolino					
	<i>history (event, available, version,</i>								
	smg-13 27/01/1995	4 . 0 . 0	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.					
	ETSI Publication 19/01/1996	4 . 0 . 2	get it	<i>remarks - this release:</i>					

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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Server ACTIVE specs Ph2 09 .- series
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TR 09.01	General Network Interworking Scenarios								
Ph2	current version: 4.0.1			WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	SONERA Corporation			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	get it	remarks - general:	
	smg-09 21/01/1994	4	.	0	.	1	get it	remarks - this release:	
TS 09.02	Mobile Application Part (MAP) Specification								
Ph2	current version: 4.19.1			WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	SIEMENS AG			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	4	.	0	get it	remarks - general: CN->N4 Apr00 (JMM)	
	smg-08 01/10/1993	4	.	5	.	0	get it	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	get it		
	smg-10 15/04/1994	4	.	7	.	0	get it		
	smg-11 01/07/1994	4	.	8	.	0	get it		
	smg-12 07/10/1994	4	.	9	.	0	get it		
	smg-13 27/01/1995	4	.	10	.	0	get it		
	smg-14 07/04/1995	4	.	11	.	0	get it		
	smg-16 20/10/1995	4	.	12	.	0	get it		
	smg-17 02/02/1996	4	.	13	.	0	get it		
	smg-19 28/06/1996	4	.	14	.	0	get it		
	smg-20 11/10/1996	4	.	15	.	0	get it		
	smg-21 14/02/1997	4	.	16	.	0	get it		
	smg-22 13/06/1997	4	.	17	.	0	get it		
	smg-23 17/10/1997	4	.	18	.	0	get it		
	NP-08 23/06/2000	4	.	19	.	0	get it		
	ETSI Publication 04/01/2001	4	.	19	.	1	get it		
TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile								
Ph2	current version: Network (PLMN)	4.0.3		WG (prime / other): N3	/-	rapporteur: BOSWARTHICK, David			
ETSI Secretariat									
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-08 01/10/1993	4	.	0	.	0	get it	remarks - general: N3: "no R99 needed".	
	smg-09 21/01/1994	4	.	0	.	1	get it	remarks - this release: #8: 4.0.0 #9: 4.0.1	
	ETSI Publication 14/03/1995	4	.	0	.	3	get it		

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Server ACTIVE specs Ph2 09 .- series
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TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
Ph2	<i>current version: Network (PSTN)</i>	4.13.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version,</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: #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</i>
									<i>#18: 4.11.0 #20: 4.12.0 #27: 4.13.0</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-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: 4.1.1</i>		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated		
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</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: #9: 4.0.0 #13: 4.1.0</i>
	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: Procedures and the Mobile Application Part (MAP)</i>	4.4.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
SONERA Corporation									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	smg-08	01/10/1993	4	.	0	.	0	get it	<i>remarks - general:</i>
	smg-09	21/01/1994	4	.	1	.	0	get it	<i>remarks - this release: #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0</i>
	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	

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TS 09.11 Signalling Interworking for Supplementary Services

Ph2 current version: 4.6.1

freeze_meeting:

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	0
smg-08	01/10/1993	4	.	2	.	0
smg-09	21/01/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
smg-13	27/01/1995	4	.	5	.	0
smg-19	28/06/1996	4	.	6	.	0
Editorial	28/07/1996	4	.	6	.	1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

Ph2 current version: 4.2.2

freeze_meeting:

history (event, available, version,

smg-17		4	.	0	.	0
ETSI vote	06/02/1997	4	.	1	.	0
ETSI publication	16/05/1997	4	.	1	.	1
smg-22	13/06/1997	4	.	2	.	1
ETSI publication	26/05/1999	4	.	2	.	2

WG (prime / other): SPA / N4 rapporteur: HÄNDIG, Peter Telia Mobile AB
G: yes U: MCC:

[get it](#) remarks - general: EN 300 646
[get it](#) remarks - this release: smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.
[get it](#)
[get it](#)

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 current version: 4.9.0

freeze_meeting:

history (event, available, version,

smg-15	07/07/1995	4	.	5	.	0
smg-16 ?	20/10/1995	4	.	6	.	0
smg-18	12/04/1996	4	.	7	.	0
smg-19	28/06/1996	4	.	8	.	0
smg-22	13/06/1997	4	.	9	.	0

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:
[get it](#)
[get it](#)

TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 current version: 4.0.1

freeze_meeting:

history (event, available, version,

smg-10	15/04/1994	4	.	0	.	0
Editorial correction	15/05/1994	4	.	0	.	1

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
G: yes U: MCC: DIETZE, Claus

[get it](#) remarks - general:
[get it](#) remarks - this release: #10: 4.0.0

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TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-14 07/04/1995 4 . 0 . 0

smg-15 07/07/1995 4 . 1 . 0

smg-16 20/10/1995 4 . 2 . 0

smg-19 28/06/1996 4 . 3 . 0

smg-23 17/10/1997 4 . 4 . 0

smg-30 11/11/1999 4 . 5 . 0

NP-16 26/06/2002 4 . 6 . 0

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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.

Ph2

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

Ph2 current version: 4.29.0
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,

smg-16 20/10/1995 4 . 13 . 0
smg-17 02/02/1996 4 . 14 . 0

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

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 19/10/1997 4 . 21 . 0
smg-25 20/03/1998 4 . 22 . 0
smg-26 26/06/1998 4 . 23 . 1
smg-27 16/10/1998 4 . 24 . 0
smg-28 12/02/1999 4 . 25 . 0
smg-29 25/06/1999 4 . 26 . 0
smg-30 11/11/1999 4 . 27 . 0
smg-31 16/02/2000 4 . 28 . 0

ETSI Publication 08/09/2000 4 . 28 . 1
GP-06 06/09/2001 4 . 29 . 0

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remarks - general: R99 version now serves all releases. Earlier releases closed.. Subsequently
remarks - this release: #31b: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.

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TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 current version: 4.16.0
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,

smg-16 20/10/1995 4 . 13 . 0
smg-17 02/02/1996 4 . 14 . 0
smg-18 12/04/1996 4 . 15 . 0
GP-06 06/09/2001 4 . 16 . 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 acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 current version: 4.34.0

freeze_meeting:

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED

NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16	20/10/1995	4	.	13	.	0
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: Re+4 serves all releases.

G = required in systems with GERAN access; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
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: *G:* yes *U:* *MCC:* DIETZE, Claus

comments:

history (event, available, version,

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: *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,

smg-15	07/07/1995	4 . 0 . 0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	4 . 1 . 0	get it	<i>remarks - this release:</i>
ETSI vote	05/08/1996	4 . 1 . 1	get it	
ETSI publication	19/12/1996	4 . 1 . 2	get it	
smg-21	14/02/1997	4 . 2 . 0	get it	
ETSI publication	26/08/1997	4 . 2 . 1	get it	
smg-23	17/10/1997	4 . 3 . 0	get it	
ETSI publication	07/04/1998	4 . 3 . 1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
Ph2	current version: 4.14.1	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	smg-11 01/07/1994	4 . 0 . 0	get it	remarks - general:	
	smg-12 07/10/1994	4 . 1 . 0	get it	remarks - this release:	
	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	current version: 4.2.0	WG (prime / other):	G3 / -	rapporteur:	VACANT,
	freeze_meeting:	G: yes U:		MCC:	USAI, Paolino
	history (event, available, version,				
	<to be defined>	4 . 0 . 0		remarks - general:	
	smg-21 14/02/1997	4 . 1 . 3	get it	remarks - this release:	.
	smg-31 bis 17/04/2000	4 . 2 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 11 .- series
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: G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-11 01/07/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #11: 4.0.0 #14: 4.1.0 #15: 4.1.0 #16: 4.2.0 #17: 4.3.0 #18: 4.4.0 #19: 4.5.0
#21: 4.6.0 #22: 4.7.0 #23: 4.8.0 #25: 4.9.0

smg-16 20/10/1995 4 . 2 . 0 [get it](#)
smg-17 02/02/1996 4 . 3 . 0 [get it](#)
smg-18 12/04/1996 4 . 4 . 0 [get it](#)
smg-19 28/06/1996 4 . 5 . 0 [get it](#)
smg-21 14/02/1997 4 . 6 . 0 [get it](#)
smg-22 13/06/1997 4 . 7 . 0 [get it](#)
smg-23 17/10/1997 4 . 8 . 0 [get it](#)
smg-25 20/03/1998 4 . 9 . 0 [get it](#)
Editorial 20/10/1998 4 . 9 . 1 [get it](#)

TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-14 07/04/1995 4 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 4 . 1 . 0 [get it](#) *remarks - this release:* #14: 4.0 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0
smg-25 20/03/1998 4 . 2 . 0 [get it](#)
smg-27 16/10/1998 4 . 3 . 0 [get it](#)
Editorial correction 16/10/1998 4 . 3 . 1 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-15 07/07/1995 4 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-18 12/04/1996 4 . 2 . 0 [get it](#)
smg-20 11/10/1996 4 . 2 . 2 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

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: G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0	get it	remarks - general:
smg-08	01/10/1993	4	.	1	.	0	get it	remarks - this release:
smg-11	01/07/1994	4	.	2	.	0	get it	
smg-15	07/07/1995	4	.	3	.	0	get it	
smg-16	20/10/1995	4	.	4	.	0	get it	
smg-17	02/02/1996	4	.	5	.	0	get it	
smg-23	17/10/1997	4	.	6	.	0	get it	

TS 12.01 Network Management (NM); Part 2: Common aspects of SM/DCS 1800 Network Management

Ph2 current version: 4.4.1 WG (prime / other): S5 / NP rapporteur: TRUSS, Michael MOTOROLA Ltd
freeze_meeting: G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0	get it	remarks - general:
smg-08	01/10/1993	4	.	1	.	0	get it	remarks - this release:
smg-10	15/04/1994	4	.	2	.	0	get it	
smg-11	01/07/1994	4	.	3	.	0	get it	
smg-17	02/02/1996	4	.	4	.	0	get it	
Editorial	02/02/1996	4	.	4	.	1	get it	

TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration

Ph2 current version: 4.6.1 WG (prime / other): S5 / S1 rapporteur: TRUSS, Michael MOTOROLA Ltd
freeze_meeting: G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,

smg-07	25/06/1993	4	.	0	.	0	get it	remarks - general:
smg-08	01/10/1993	4	.	1	.	0	get it	remarks - this release:
smg-09	21/01/1994	4	.	2	.	0	get it	
smg-11	01/07/1994	4	.	3	.	0	get it	
smg-15	07/07/1995	4	.	4	.	0	get it	
smg-16	20/10/1995	4	.	5	.	0	get it	
smg-17	02/02/1996	4	.	6	.	0	get it	
Editorial	02/02/1996	4	.	6	.	1	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

Ph2 *current version: 4.2.1*
freeze_meeting:

WG (prime / other): S5 / S1 / *rapporteur:* TRUSS, Michael
NP

MOTOROLA Ltd

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,

smg-11	01/07/1994	4	.	0	.	0
smg-14	07/04/1995	4	.	1	.	0
smg-17	02/02/1996	4	.	2	.	0
Editorial	02/02/1996	4	.	2	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 12.04 Performance data measurements

Ph2 *current version: 4.3.1*
freeze_meeting:

WG (prime / other): S5 / S1 / *rapporteur:* TOCHE, Christian
NP

NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* ZOICAS, Adrian

history (event, available, version,

smg-08	01/10/1993	4	.	0	.	0
smg-11	01/07/1994	4	.	1	.	0
smg-13	27/01/1995	4	.	2	.	0
smg-17	02/02/1996	4	.	3	.	0
Editorial correction	02/02/1996	4	.	3	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 12.05 Subscriber Related Call and Event Data

Ph2 *current version: 4.3.1*
freeze_meeting:

WG (prime / other): S5 / S1 *rapporteur:* BENDER, James
G: yes U: *MCC:* ZOICAS, Adrian

Nortel Networks (USA)

history (event, available, version,

smg-08	01/10/1993	4	.	0	.	0
smg-11	01/07/1994	4	.	1	.	0
smg-15	07/07/1995	4	.	1	.	1
smg-17	02/02/1996	4	.	2	.	0
smg-22	13/06/1997	4	.	3	.	0
Editorial correction	13/06/1997	4	.	3	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.06 Network Configuration Management and Administration

Ph2 current version: 4.1.1

freeze_meeting:

history (event, available, version,

smg-11 01/07/1994 4 . 0 . 0

smg-12 07/10/1994 4 . 0 . 1

smg-17 02/02/1996 4 . 1 . 0

Editorial correction 02/02/1996 4 . 1 . 1

WG (prime / other): S5 / NP rapporteur: TOVINGER, Thomas
G: yes U: MCC: ZOICAS, Adrian

Telefon AB LM Ericsson

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

TS 12.08 Subscriber and Equipment trace

Ph2 current version: 4.6.1

freeze_meeting:

history (event, available, version,

smg-12 07/10/1994 4 . 0 . 0

smg-14 07/04/1995 4 . 1 . 0

smg-16 20/10/1995 4 . 2 . 0

smg-18 12/04/1996 4 . 3 . 0

smg-20 11/10/1996 4 . 4 . 0

smg-22 13/06/1997 4 . 5 . 0

smg-23 17/10/1997 4 . 6 . 0

ETSI publication 30/10/2001 4 . 6 . 1

WG (prime / other): S5 / NP rapporteur: RONKA, Kari
G: yes U: MCC: ZOICAS, Adrian

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release:

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TS 12.11 Fault management of the Base Station System (BSS)

Ph2 current version: 4.2.1

freeze_meeting:

history (event, available, version,

smg-26 26/06/1998 4 . 2 . 0

Editorial correction 26/06/1998 4 . 2 . 1

WG (prime / other): S5 / S1 / GP rapporteur: TOVINGER, Thomas
G: yes U: MCC: ZOICAS, Adrian

Telefon AB LM Ericsson

[get it](#) remarks - general:

[get it](#) remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.20 Base Station System (BSS) Management Information

Ph2 current version: 4.2.1

freeze_meeting:

history (event, available, version,

smg-09 21/01/1994 4 . 0 . 0

smg-11 01/07/1994 4 . 1 . 0

smg-13 27/01/1995 4 . 1 . 1

smg-17 02/02/1996 4 . 2 . 0

Editorial correction 02/02/1996 4 . 2 . 1

WG (prime / other): S5 / NP rapporteur: TRUSS, Michael

G: yes U: MCC: ZOICAS, Adrian

MOTOROLA Ltd

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0

[get it](#)

[get it](#)

[get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 current version: 4.6.0

freeze_meeting:

history (event, available, version,

4 . 0 . 0

smg-07 25/06/1993 4 . 1 . 0

smg-08 01/10/1993 4 . 2 . 0

smg-09 21/01/1994 4 . 3 . 0

smg-11 01/07/1994 4 . 4 . 0

smg-13 27/01/1995 4 . 5 . 0

smg-16 20/10/1995 4 . 5 . 2

ETSI publication 4 . 5 . 4

smg-21 14/02/1997 4 . 6 . 0

WG (prime / other): G3 / S5 rapporteur: TRUSS, Michael

G: yes U: MCC: USAI, Paolino

MOTOROLA Ltd

[get it](#)

remarks - general:

SP-13: S5->G3 but no change of rapporteur.

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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[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

freeze_meeting:

history (event, available, version,

smg-11 01/07/1994 4 . 0 . 0

smg-13 27/01/1995 4 . 1 . 0

PE88 24/07/1995 4 . 1 . 1

smg-16 20/10/1995 4 . 1 . 2

V100 25/03/1996 4 . 1 . 3

ETSI publication 04/09/1996 4 . 1 . 4

WG (prime / other): G3 / S5 rapporteur: YUHAN, Albert

G: yes U: MCC: USAI, Paolino

VoiceStream Wireless Corporation

[get it](#)

remarks - general:

SP-13: S5->G3 but no change of rapporteur.

[get it](#)

remarks - this release:

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs Ph2 12 .- series
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:

history (event, available, version,

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:

history (event, available, version,

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:

history (event, available, version,

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:

history (event, available, version,

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

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Server ACTIVE specs Ph2 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

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*
freeze_meeting:

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
GP Sebastien
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,
smg-07 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT *current version: 3.0.0*
freeze_meeting:

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-EXT 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1-EXT 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph1-EXT current version: 3.0.0
freeze_meeting:
history (event, available, version, smg-07 01/01/1995 3 . 0 . 0
WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[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
freeze_meeting:
history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0
WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert
[get it](#) remarks - general:
remarks - this release: #7: 3.0.0

Ph1-DCS

Ph1-DCS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

Ph1-DC current version: 3.2.0
freeze_meeting:
history (event, available, version, 01/01/1995 3 . 0 . 0
10/05/1994 3 . 1 . 0
10/01/1994 3 . 2 . 0
WG (prime / other): S1 / - rapporteur: JEAL, David VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael
[get it](#) remarks - general:
[get it](#) remarks - this release: .
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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ACTIVE specs Ph1-DC 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11 Service Accessibility

Ph1-DC *current version:* 3.1.0
freeze_meeting:

history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release:

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12 Location Registration Procedures

Ph1-DC *current version:* 3.0.1
freeze_meeting:

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-DC *current version:* 3.1.0
freeze_meeting:

history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: . Thomasen (even numbered CRs!)

Ph1-DCS 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1-DC *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri
G: yes U: *MCC:* USAI, Paolino

NOKIA MOBILE PHONES

[get it](#) *remarks - general:*
remarks - this release: .

TS 05.05 Radio Transmission and Reception

Ph1-DC *current version:* 3.3.0
freeze_meeting:
history (event, available, version,
smg-07 3 . 2 . 0
smg-08 01/01/1995 3 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release:

TS 05.08 Radio Subsystem Link Control

Ph1-DC *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer
G: yes U: *MCC:* USAI, Paolino

VODAFONE Group Plc

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58 Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-DC *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* Peter Skov
THOMASEN, Gert

MOTOROLA A/S

[get it](#) *remarks - general:*
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

Ph1-DCS 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

Ph1-DC current version: 0.0.0 DRAFT

freeze_meeting:

history (event, available, version,
03/03/1993 0 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
remarks - this release:

TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DC current version: Procedures and the Mobile Application Part (MAP)

SONERA Corporation

3.0.0 WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

freeze_meeting:

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
remarks - this release: .

Ph1-DCS 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1-DC current version: 3.23.1

freeze_meeting:

WG (prime / other): G4 / S1 / rapporteur: LEGRAND, Walter EADS/DSN

G5 /
NP /
T2 /
SCP

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

smg-02		3	.	2	.	0
smg-03		3	.	3	.	0
smg-04bis		3	.	4	.	0
smg-05		3	.	5	.	0
smg-06	28/06/1995	3	.	6	.	0
smg-07	07/06/1996	3	.	7	.	0
smg-08	07/06/1996	3	.	8	.	0
smg-09	07/06/1996	3	.	9	.	0
smg-10	07/06/1996	3	.	10	.	0
smg-11	07/06/1996	3	.	11	.	0
smg-12	07/06/1996	3	.	12	.	0
smg-13	07/06/1996	3	.	13	.	0
last known	01/12/1996	3	.	23	.	1

remarks - general:
remarks - this release:

[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1-DC current version: 3.3.4

freeze_meeting:

history (event, available, version,

smg-02		3	.	2	.	0
smg-04		3	.	3	.	0
smg-08		3	.	3	.	1
smg-09		3	.	3	.	2
smg-11		3	.	3	.	3
smg-12	21/02/1994	3	.	3	.	4

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.

G: yes U: MCC: DIETZE, Claus

remarks - general:
remarks - this release:

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1-DC 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DC current version: 3.13.0

freeze_meeting:

history (event, available, version,

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	01/01/1995	3	.	13	.	0

WG (prime / other): GP / NP rapporteur: VACANT,
G: yes U: MCC: USAI, Paolino

remarks - general:
remarks - this release:

[get it](#)

TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1-DC current version: 3.3.0

freeze_meeting:

history (event, available, version,

smg-04	3	.	2	.	0	
smg-11	13/11/1995	3	.	3	.	0

WG (prime / other): G4 / - rapporteur:
G: yes U: MCC: CLAYTON, Michael

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

[get it](#)

Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN access; U = required in systems with UMTS

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ACTIVE specs Ph1 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1

freeze_meeting:

history (event, available, version,

gsm-29 2 . 0 . 3

smg-12 07/10/1994 3 . 0 . 0

ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael

EMCOM Ltd

G: yes U:

MCC: USAI, Paolino

remarks - general:

remarks - this release: .

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[get it](#)

Ph1

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0

freeze_meeting:

history (event, available, version,

smg-18 10/04/1996 3 . 0 . 0

ETSI publication 01/01/1995 3 . 0 . 1

PT12 release 15/02/1992 3 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi

NOKIA Corporation

G: yes U:

MCC: CLAYTON, Michael

remarks - general:

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0

freeze_meeting:

history (event, available, version,

CEPT GSM doc 15/01/1990 3 . 1 . 1

CEPT GSM doc 15/07/1991 3 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul

Research In Motion Limited

G: yes U:

MCC: CLAYTON, Michael

remarks - general:

remarks - this release: .

[get it](#)

[get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.4.1

freeze_meeting:

history (event, available, version,

CEPT GSM doc 03/01/1991 3 . 4 . 0

edito 22/07/1998 3 . 4 . 1

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan

T-MOBILE DEUTSCHLAND

G: yes U:

MCC: CLAYTON, Michael

remarks - general:

remarks - this release: .

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.04	General on Supplementary Services					
Ph1	current version: 3.7.1	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	- 24/07/1998			get it	remarks - general:	
CEPT GSM doc	03/01/1991			get it	remarks - this release: .	
	3 . 7 . 0					
	3 . 7 . 1					
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
Ph1	current version: 3.2.0	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
ETSI publication	01/01/1995			get it	remarks - general:	
	3 . 2 . 0				remarks - this release: .	
<hr/>						
TS 02.07	Mobile Station (MS) Features					
Ph1	current version: 3.4.1	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	- 10/05/1994			get it	remarks - general:	
	- 10/05/1994			get it	remarks - this release: .	
ETSI publication	01/01/1995			get it		
	3 . 3 . 0					
	3 . 4 . 0					
	3 . 4 . 1					
<hr/>						
TS 02.09	Security aspects					
Ph1	current version: 3.1.0	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	Telia Promotor AB
	freeze_meeting:	G: yes U:	NP	MCC:	Per	
	history (event, available, version,				POPE, Maurice	
ETSI publication	01/01/1995			get it	remarks - general:	
	3 . 1 . 0				remarks - this release:	
<hr/>						
TS 02.11	Service Accessibility					
Ph1	current version: 3.7.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
ETSI publication	01/01/1995			get it	remarks - general:	
	3 . 7 . 0				remarks - this release:	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.16	International Mobile Station Equipment Identities (IMEI)				
Ph1	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: EVEN, Anne	France Telecom	
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	ETSI publication 01/01/1995 3 . 0 . 1	get it	remarks - general:		
			remarks - this release: .		
<hr/>					
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics				
Ph1	current version: 3.2.0	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD	
	freeze_meeting:	G: yes U:	MCC: DIETZE, Claus		
	history (event, available, version,				
	.. 30/08/2001 3 . 1 . 2	get it	remarks - general:		
	.. 04/01/2002 3 . 2 . 0	get it	remarks - this release: .		
	ETSI publication 01/01/1995 3 . 2 . 0	get it			
<hr/>					
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics				
Ph1	current version: 3.2.0	WG (prime / other): T3 / S1	rapporteur: HOOKER, Philip	ORANGE PCS LTD	
	freeze_meeting:	G: yes U:	MCC: DIETZE, Claus		
	history (event, available, version,				
	.. 30/08/2001 3 . 1 . 2	get it	remarks - general:		
	.. 04/01/2002 3 . 2 . 0	get it	remarks - this release: .		
	ETSI publication 01/01/1995 3 . 2 . 0	get it			
<hr/>					
TS 02.20	Collection charges				
Ph1	current version: 3.0.1	WG (prime / other): S1 /	rapporteur: ,		
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	06/05/1992: 09/10/1997 3 . 0 . 1	get it	remarks - general:		
			remarks - this release:		
<hr/>					
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)				
Ph1	current version: 3.9.0	WG (prime / other): S1 /	rapporteur: JEAL, David	VODAFONE Group Plc	
	freeze_meeting:	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,				
	ETSI publication 01/01/1995 3 . 9 . 0	get it	remarks - general:		
			remarks - this release: .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.40 Procedures for Call Progress Indications
Ph1 *current version:* 3.2.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 0

WG (prime / other): S1 / NP *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1
Ph1 *current version:* 3.6.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1
Ph1 *current version:* 3.6.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: .

Ph1 **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions
Ph1 *current version:* 3.1.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 1

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
Ph1	current version: 3.1.4					
	freeze_meeting:					
	history (event, available, version, ETSI publication 01/01/1995	3 . 1 . 4				
			WG (prime / other): S2 / NP / T2	rapporteur: SULTAN, Alain		SOURCE COM
			G: yes U:	MCC: SULTAN, Alain		
			get it	remarks - general:		
				remarks - this release: .		
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
Ph1	current version: 3.6.0					
	freeze_meeting:					
	history (event, available, version, ETSI publication 01/01/1995	3 . 6 . 0				
			WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick		VODAFONE Group Plc
			G: yes U:	MCC: KYMALAINEN, Kimmo		
			get it	remarks - general:		
				remarks - this release:		
<hr/>						
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	current version: 3.1.0					
	freeze_meeting:					
	history (event, available, version, ETSI publication 01/01/1995	3 . 1 . 0				
			WG (prime / other): N4 / SPA N/ T2	rapporteur: KYMALAINEN, Kimmo		SONERA Corporation
			G: yes U:	MCC: KYMALAINEN, Kimmo		
			get it	remarks - general:		
				remarks - this release: .		
<hr/>						
TR 03.05	Technical performance objectives					
Ph1	current version: 3.2.0					
	freeze_meeting:					
	history (event, available, version, ETSI publication 01/01/1995	3 . 2 . 0				
			WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David		ETSI Secretariat
			G: yes U:	MCC: BOSWARTHICK, David		
			get it	remarks - general:		
				remarks - this release: .		
<hr/>						
TS 03.07	Restoration Procedures					
Ph1	current version: 3.2.1					
	freeze_meeting:					
	history (event, available, version, ETSI publication 01/01/1995	3 . 2 . 1				
			WG (prime / other): N4 / -	rapporteur: PARK, Ian David		VODAFONE LTD
			G: yes U:	MCC: KYMALAINEN, Kimmo		
			get it	remarks - general:		
				remarks - this release: .		

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Server ACTIVE specs Ph1 03 .- series
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>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 7 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 03.09	Handover Procedures					
Ph1	<i>current version:</i> 3.2.1			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	Rouzbeh	
	<i>history (event, available, version,</i>				<i>MCC:</i> JORGENSEN, Per Johan	
	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>			<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David	
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 3 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 03.11	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>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 1		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 03.12	Location Registration Procedures					
Ph1	<i>current version:</i> 3.3.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation
	<i>freeze_meeting:</i>			<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 3 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph1 *current version:* 3.0.2
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 2

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: *MCC:* USAI, Paolino

Telecom Italia Lab S.p.A.

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph1 *current version:* 3.0.2
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: *MCC:* JORGENSEN, Per Johan

SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.20 Security-related Network Functions

Ph1 *current version:* 3.3.2
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0
ETSI publication 01/01/1995 3 . 3 . 2

WG (prime / other): S3 / NP / GP
G: yes U: *rapporteur:* NGUYEN NGOC, Sebastien
MCC: POPE, Maurice

France Telecom

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

Ph1 *current version:* 3.7.0
freeze_meeting:
history (event, available, version,
smg-08 3 . 6 . 0
smg-09 01/01/1995 3 . 7 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian
G: yes U: *MCC:* RODERMUND, Friedhelm

Teleca Limited

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph1 *current version:* 3.4.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 4 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian
G: yes U: *MCC:* RODERMUND, Friedhelm

Teleca Limited

[get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.43	Support of Videotex	Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	<i>WG (prime / other):</i> T2 / - <i>G: yes U:</i>	<i>rapporteur:</i> DI TRIA, Paolo <i>MCC:</i> RODERMUND, Friedhelm	Telecom Italia Lab S.p.A.
				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)	Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 1	<i>WG (prime / other):</i> T2 / - <i>G: yes U:</i>	<i>rapporteur:</i> RODERMUND, Friedhelm <i>MCC:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH
				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent	Ph1	<i>current version:</i> 3.3.0 <i>freeze_meeting:</i> <i>history (event, available, version,</i> smg-05 3 . 2 . 0 ETSI publication 01/01/1995 3 . 3 . 0 exists in PDF only	<i>WG (prime / other):</i> N3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BOSWARTHICK, David <i>MCC:</i> BOSWARTHICK, David	ETSI Secretariat
				get it	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent	Ph1	<i>current version:</i> 3.2.1 <i>freeze_meeting:</i> <i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1	<i>WG (prime / other):</i> N3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BOSWARTHICK, David <i>MCC:</i> BOSWARTHICK, David	ETSI Secretariat
				get it	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2	Ph1	<i>current version:</i> 3.0.1 <i>freeze_meeting:</i> <i>history (event, available, version,</i> 09/10/1997 3 . 0 . 1	<i>WG (prime / other):</i> T3 / - <i>G: yes U:</i>	<i>rapporteur:</i> BARNES, Nigel <i>MCC:</i> DIETZE, Claus	MOTOROLA Ltd
				get it	<i>remarks - general:</i> SMG9->T3@#31 <i>remarks - this release:</i> .	

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Server ACTIVE specs Ph1 03 .- series
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>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 4 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0
<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>	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</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	SONERA Corporation	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 2 . 1				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
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	SIEMENS AG	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 2 . 1				get it <i>remarks - general:</i> <i>remarks - this release:</i> .

Ph1

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
Ph1 *current version:* 3.0.1 *freeze_meeting:*
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
Ph1 *current version:* 3.0.2 *freeze_meeting:*
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 2

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
Ph1 *current version:* 3.0.3 *freeze_meeting:*
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 3

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.04 Layer 1 - General Requirements
Ph1 *current version:* 3.3.4 *freeze_meeting:*
history (event, available, version,
ETSI publication 01/01/1995 0 . 0 . 0
3 . 3 . 4

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
THOMASEN, Gert
G: yes U: *MCC:*

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.05 Data Link (DL) Layer General Aspects
Ph1 *current version:* 3.1.5 *freeze_meeting:*
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 5

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* THOMASEN, Gert

[get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Ph1 04 .- series
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	current version: 3.9.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version, ETSI publication 01/01/1995 3 . 9 . 0				get it	remarks - general: remarks - this release: .
<hr/>						
TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects					
Ph1	current version: 3.3.3 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
		G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 3				get it	remarks - general: remarks - this release: .
<hr/>						
TS 04.08	Mobile radio interface layer 3 specification					
Ph1	current version: 3.14.0 freeze_meeting:	WG (prime / other): N1 / G2	rapporteur: HOWELL, Andrew	MOTOROLA Ltd		
		G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, ETSI publication 01/01/1995 3 . 13 . 0 ETSI publication 15/09/1997 3 . 14 . 0				get it	remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert get it remarks - this release: . Thomasen (even numbered CRs!)
<hr/>						
TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
Ph1	current version: 3.2.3 freeze_meeting:	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
		G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 3				get it	remarks - general: remarks - this release: .
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TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
Ph1	current version: 3.3.0 freeze_meeting:	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation		
		G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 0				get it	remarks - general: remarks - this release: #5:3.3.0

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Server ACTIVE specs Ph1 04 .- series
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	current version: 3.2.1	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:				Peter Skov		
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert		
	ETSI publication 01/01/1995						
	3 . 2 . 1						
		get it		remarks - general:			
				remarks - this release:			
<hr/>							
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MSBSS) Interface						
Ph1	current version: 3.4.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation	
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	ETSI publication 01/01/1995						
	3 . 4 . 0						
		get it		remarks - general:			
				remarks - this release:			
<hr/>							
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services						
Ph1	current version: Switching Centre (BSS - MSC) interface	3.7.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert
SIEMENS AG							
	freeze_meeting:	G: yes	U:	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	ETSI publication 01/01/1995						
	3 . 7 . 0						
		get it		remarks - general:			
				remarks - this release:			
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TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding						
Ph1	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	ETSI publication 01/01/1995						
	3 . 2 . 0						
		get it		remarks - general:			
				remarks - this release:			
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TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3						
Ph1	current version: 3.1.3	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	SIEMENS AG	
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	ETSI publication 01/01/1995						
	3 . 1 . 3						
		get it		remarks - general:			
				remarks - this release:			

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Server ACTIVE specs Ph1 04 .- series
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:
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 3

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich SIEMENS AG
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:
history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 2

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
remarks - this release: .

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph1 current version: 3.8.0
freeze_meeting:
history (event, available, version,
smg-15 3 . 7 . 0
smg-16 01/01/1995 3 . 8 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist NOKIA Corporation
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
remarks - this release: .

TS 05.03 Channel coding

Ph1 current version: 3.6.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 6 . 1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist NOKIA Corporation
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
remarks - this release: #12: 3.6.1

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Server ACTIVE specs Ph1 05 .- series
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>		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 2				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<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>		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-04	3 . 14 . 0				
	smg-06b	3 . 15 . 0				
	ETSI publication 01/01/1995	3 . 16 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
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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>		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 8 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 05.10	Radio subsystem synchronization					
Ph1	<i>current version:</i> 3.5.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-04 01/01/1995	3 . 5 . 1				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

Ph1

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 06.10	Full Rate Speech Transcoding					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar		PHILIPS Semiconductors	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 2 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele		TELECOM ITALIA S.p.A.	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 1			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 06.31	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>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 1 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.32 Voice Activity Detection (VAD)
Ph1 *current version:* 3.0.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* BARRETT, Paul
G: yes U: *MCC:* USAI, Paolino

Indicate persons who left Company and wait for new One

[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:
history (event, available, version,
ETSI publication 01/01/1995 3 . 14 . 0

WG (prime / other): N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release:

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
Ph1 *current version:* 3.8.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 8 . 0

WG (prime / other): N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release: #2: 3.8.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
Ph1 *current version:* 3.4.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 4 . 0

WG (prime / other): N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

Ph1 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01	General Aspects on the BSS-MSC Interface				
Ph1	current version: 3.0.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release: .
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TS 08.02	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles				
Ph1	current version: 3.3.1 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 1	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release: .
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TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification				
Ph1	current version: 3.0.3 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 3	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release: .
<hr/>					
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface				
Ph1	current version: 3.5.2 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, ETSI publication 01/01/1995 3 . 5 . 2	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release: .

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
Ph1	current version: 3.10.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	ETSI publication 01/01/1995 3 . 0 . 0	get it	remarks - general:		
	ETSI publication 01/01/1995 3 . 10 . 1	get it	remarks - this release: .		
<hr/>					
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
Ph1	current version: 3.1.2	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation	
	freeze_meeting:		BOSWARTHICK, David		
	history (event, available, version,	G: yes U:			
	ETSI publication 01/01/1995 3 . 1 . 2	get it	remarks - general:		
			remarks - this release: .		
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TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
Ph1	current version: 3.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	ETSI publication 01/01/1995 3 . 0 . 2	get it	remarks - general:		
			remarks - this release: .		
<hr/>					
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles				
Ph1	current version: 3.0.2	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	ETSI publication 01/01/1995 3 . 0 . 2	get it	remarks - general:		
			remarks - this release: .		
<hr/>					
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits				
Ph1	current version: 3.0.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	ETSI publication 01/01/1995 3 . 0 . 1	get it	remarks - general:		
			remarks - this release: .		

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.56	BSC-BTS Layer 2; Specification				
Ph1	current version: 3.1.1	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 1	get it	remarks - general:		
			remarks - this release: .		
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TS 08.58	Base Station Controller- Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Ph1	current version: 3.6.0	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0	get it	remarks - general:		
	ETSI publication 01/01/1995 3 . 0 . 0	get it	remarks - this release: #10: 3.6.0		
	smg-10 01/01/1995 3 . 6 . 0	get it			
<hr/>					
TS 08.59	BSC-BTS O&M Signalling Transport				
Ph1	current version: 3.1.0	WG (prime / other): G3 / -	rapporteur: VACANT,		
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0	get it	remarks - general:		
			remarks - this release: .		
<hr/>					
TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
Ph1	current version: 3.3.1	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 1	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
			remarks - this release: .		

Ph1

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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Server ACTIVE specs Ph1 09 .- series
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	SONERA Corporation	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 0 . 1				get it <i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TS 09.02	Mobile Application Part (MAP) Specification					
Ph1	<i>current version:</i> 3.11.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 0 . 1				get it <i>remarks - general:</i> N3: "no R99 needed".
						<i>remarks - this release:</i> .
<hr/>						
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)					
Ph1	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 0 . 1				get it <i>remarks - general:</i> N3: "no R99 needed".
						<i>remarks - this release:</i> .
<hr/>						
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access					
Ph1	<i>current version:</i> 3.2.2		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 2 . 2				get it <i>remarks - general:</i> N3: "no R99 needed".
						<i>remarks - this release:</i> .

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Server ACTIVE specs Ph1 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
Ph1	<i>current version: Network (PSTN)</i>	3.10.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	ETSI publication	01/01/1995	3	.	10	.	0	get it	<i>remarks - general:</i>
									<i>remarks - this release: #5: 3.8.0 #9: 3.9.0 #14: 3.10.0</i>
<hr/>									
TS 09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN								
Ph1	<i>current version: 1.0.0</i>	DRAFT	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	VAINIKKA, Jari	NOKIA Corporation	
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	First complete	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: Procedures and the Mobile Application Part (MAP)</i>	3.0.2	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
SONERA Corporation									
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	ETSI publication	01/01/1995	3	.	0	.	0	get it	<i>remarks - general:</i>
	ETSI publication	01/01/1995	3	.	0	.	2	get it	<i>remarks - this release: .</i>
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
Ph1	<i>current version: 3.0.1</i>		<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	SIEMENS AG	
	<i>freeze_meeting:</i>		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	ETSI publication	01/01/1995	3	.	0	.	1	get it	<i>remarks - general:</i>
									<i>remarks - this release: .</i>

Ph1 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10 Mobile Station Conformity Specification

Ph1 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,

First complete	01/01/1992	1	.	0	.	0
smg-02		3	.	8	.	0
smg-03		3	.	9	.	0
smg-04bis		3	.	10	.	0
smg-05		3	.	11	.	0
smg-06		3	.	12	.	0
smg-07		3	.	13	.	0
SMG-08		3	.	14	.	0
smg-28	01/01/1996	3	.	14	.	0
smg-08	07/06/1996	3	.	15	.	0
smg-09	07/06/1996	3	.	16	.	0
smg-10	02/09/1996	3	.	17	.	0
smg-11	02/09/1996	3	.	18	.	0
smg-12	02/09/1996	3	.	19	.	0
smg-13	28/06/1996	3	.	20	.	0
smg-15		3	.	21	.	0
smg-16	01/01/1996	3	.	22	.	0
smg-20	16/10/1996	3	.	23	.	0
ETSI publication	30/12/1996	3	.	23	.	1

[get it](#) remarks - general:
remarks - this release:

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TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

Ph1 current version: 3.16.0
freeze_meeting:

WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
G: yes U: MCC: DIETZE, Claus

history (event, available, version,

ETSI publication	01/01/1995	3	.	3	.	3
ETSI publication	01/01/1995	3	.	16	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.30 Mobile Services Switching Centre

Ph1 *current version:* 3.2.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 11.31 Home Location Register Specification

Ph1 *current version:* 3.2.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:*
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 11.32 Visitor Location Register Specification

Ph1 *current version:* 3.2.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 1

WG (prime / other): GP / - *rapporteur:*
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: .

TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1 *current version:* 3.7.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1996 3 . 3 . 0
smg-02 3 . 6 . 0
smg-11 01/01/1996 3 . 7 . 0

WG (prime / other): G4 / - *rapporteur:*
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #2: 3.6.0 #11: 3.7.0
[get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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Server ACTIVE specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: yes U: yes *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.13 Maintenance of the Mobile -services Switching Centre

Ph1 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: yes U: *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.14 Maintenance of Location Registers

Ph1 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* TRUSS, Michael
G: yes U: *MCC:* ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: .

Ph1

TB .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 5 General Attachment Requirements for GSM Mobile Stations

Ph1 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:* FREEMAN, David MOTOROLA
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1
current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): MSG / - rapporteur: FREEMAN, David MOTOROLA
G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2

WITHDRA specs

<?>

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801 (reserved for T1 RF group)
<?> current version: none
freeze_meeting:
history (event, available, version,

WG (prime / other): T1 / rapporteur:
G: U: yes MCC: SALMERON, Lidia

remarks - general: 2002-09-16: -> 34.901.
remarks - this release: .

Rel-6

Rel-6 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.940 IP Multimedia Subsystem (IMS) messaging; Stage 1
Rel-6 current version: none
freeze_meeting:
history (event, available, version,
draft 26/03/2002 0 . 0 . 0
draft 19/07/2002 0 . 1 . 0
SP-16 19/07/2002 0 . 2 . 0
SP-17 16/09/2002 1 . 0 . 0 SP-020567

WG (prime / other): S1 / rapporteur: KALLIOKULJU, Juha NOKIA MOBILE PHONES
G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18.
[get it](#) remarks - this release: 2002-10-08: -> 22.340. This TR to be withdrawn at SP-18.
[get it](#)
[get it](#)

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Server WITHDRAWN specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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 *current version:* none
freeze_meeting:

history (event, available, version,
draft 14/11/2002 0 . 1 . 0

WG (prime / other): S2 / *rapporteur:* JARVIS, Andre
G: *U:* yes *MCC:* SULTAN, Alain

Hutchison 3G UK Limited

[get it](#) *remarks - general:* Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in
remarks - this release: .

TS 23.340 (reserved for: "IP Multimedia Subsystem (IMS) messaging; Stage 2")

Rel-6 *current version:* none
freeze_meeting:

history (event, available, version,

WG (prime / other): S2 / *rapporteur:* ,
G: *U:* yes *MCC:* SULTAN, Alain

remarks - general:
remarks - this release: .

Rel-6 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")

Rel-6 *current version:* none
freeze_meeting:

history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* MUDGE, John
G: *U:* yes *MCC:* RODERMUND, Friedhelm

VODAFONE Group Plc

remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional
remarks - this release: provisional

Rel-6 **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

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Server WITHDRAWN specs Rel-6 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari
G: *U:* yes *MCC:* ZOICAS, Adrian

NOKIA Corporation

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 published. Replace with 32.411, 32..42x and 52.008.

and 52.008.

Rel-6 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S3 / *rapporteur:*
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: WI = NDS Authentication Framework (approved SP-16). 2002-07-22: decided not
remarks - this release: . to publish, so -> 33.810.

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,

WG (prime / other): G1 / *rapporteur:* GROSS, Robert
G: yes *U:* *MCC:* USAI, Paolino

TruePosition Inc.

remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

Rel-6 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 **Subscriber Identity Module Application Programming Interface (SIM API); Stage 1**
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian 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

Rel-6 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.202 **reserved for radio spec "Flexible layer 1" based on 45.902**
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist 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

TR 49.994 **Recommended infrastructure measures to overcome specific Mobile Station (MS) faults**
Rel-6 *current version: none* *freeze_meeting:* *history (event, available, version,*
WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
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.

G = required in systems with GERAN acces; U = required in systems with UMTS

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 *freeze_meeting:* SP-15
history (event, available, version,
 SP-12 27/06/2001 1 . 0 . 0 SP-010364 (replaces SP-010265) [get it](#) *remarks - general:*
 SP-13 01/10/2001 2 . 0 . 0 SP-010444 [get it](#) *remarks - this release:* SP-16: moved to Rel-6
 SP-13 05/10/2001 5 . 0 . 0 [get it](#)
 SP-14 10/01/2002 5 . 1 . 0 [get it](#)
 SP-15 28/03/2002 5 . 2 . 0 TP-16: moved to Rel-6 [get it](#)

WG (prime / other): S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
G: U: yes *MCC:* CLAYTON, Michael

TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1

Rel-5 *current version:* none *freeze_meeting:* SP-15
history (event, available, version,
 SP-13 01/10/2001 2 . 0 . 0 SP-010443 [get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.
 SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.
 SP-14 10/01/2002 5 . 1 . 0 [get it](#)
 SP-15 28/03/2002 5 . 2 . 0 SP-16: withdrawn. [get it](#)

WG (prime / other): S1 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Limited
G: U: yes *MCC:* CLAYTON, Michael

TS 22.174 Push service; Stage 1

Rel-5 *current version:* none *freeze_meeting:* SP-15
history (event, available, version,
 draft 0 . 5 . 0 S1-020186
 SP-17 16/09/2002 1 . 0 . 0 SP-020568 [get it](#)

WG (prime / other): S1 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
G: U: yes *MCC:* CLAYTON, Michael

remarks - general:
remarks - this release: SP-15: Timed out of Rel-5.

TS 22.240 Service requirements for 3GPP Generic User Profile (GUP); Stage 1

Rel-5 *current version:* none *freeze_meeting:* SP-15
history (event, available, version,
 draft 0 . 5 . 0 S1-020186
 SP-17 16/09/2002 1 . 0 . 0 SP-020568 [get it](#)

WG (prime / other): S1 / *rapporteur:* AMERY, Paul ORANGE PCS LTD
G: U: yes *MCC:* CLAYTON, Michael

remarks - general: Cf work item 'Generic user profile'
remarks - this release: SP-15: Delayed to Rel-6

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.243 Speech recognition framework for automated voice services; Stage 1

Rel-5 *current version: none* WG (prime / other): S1 / rapporteur: WILLIAMS, David Hugh QUALCOMM EUROPE S.A.R.L.
freeze_meeting: SP-15 G: yes U: yes MCC: CLAYTON, Michael
history (event, available, version,
S1 draft 0 . 0 . 2 *remarks - general:*
SP-14 02/01/2002 1 . 0 . 0 SP-010680 [get it](#) *remarks - this release:* SP-15: Delayed to Rel-6.

TR 22.946 Broadcast and multicast services

Rel-5 *current version: none* WG (prime / other): S1 / rapporteur: ,
freeze_meeting: SP-15 G: U: yes MCC: CLAYTON, Michael
history (event, available, version,
SP-12 27/06/2001 1 . 0 . 0 SP-010267 [get it](#) *remarks - general:* Replaced by 22.146.
remarks - this release: To be scrapped SP-13. 2001-11-28: assume to be withdrawn since 22.146 approved at SP-13.

Rel-5 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version: none* WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo SONERA Corporation
freeze_meeting: NP-15 G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
remarks - general: Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

TS 23.121 Architectural requirements for Release 1999

Rel-5 *current version: none* WG (prime / other): S2 / - rapporteur: DANIEL, Elizabeth Lucent Technologies Network Systems UK
freeze_meeting: SP-15 G: yes U: yes MCC: SULTAN, Alain
history (event, available, version,
SP-09 5 . 0 . 0 *remarks - general:*
remarks - this release: Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.174	Push service; stage 2	Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> freeze_meeting: <i>history (event, available, version,</i>	WG (prime / other): S2 / G: U: yes	rappporteur: WOLAK, Stephen MCC: SULTAN, Alain	VODAFONE Group Plc	<i>remarks - general:</i> Rapporteur: "note that there are currently no plans for a Push stage 2 but it is <i>remarks - this release:</i> SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in case ...".
TS 23.178	Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2	Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> NP-15 <i>history (event, available, version,</i>	WG (prime / other): N2 / - G: yes U: yes	rappporteur: HOMANN, Christian MCC: JURISIC, Andrijana	ALCATEL SEL AG	<i>remarks - general:</i> 2001-10-26: renumbered to 23.278. <i>remarks - this release:</i> 2001-10-26: renumbered to 23.278.
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>history (event, available, version,</i>	WG (prime / other): T2 / G: U: yes	rappporteur: HOLOUBEK, Kevin J. MCC: RODERMUND, Friedhelm	Motorola Inc.	<i>remarks - general:</i> Cf work item 'Generic user profile' <i>remarks - this release:</i> TP-15: Delayed to Rel-6.
TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Stage 2	Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-15 <i>history (event, available, version,</i>	WG (prime / other): S2 / G: U: yes	rappporteur: JARVIS, Andre MCC: SULTAN, Alain	Hutchison 3G UK Limited	<i>remarks - general:</i> Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in <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>freeze_meeting:</i> SP-15 <i>history (event, available, version,</i>	WG (prime / other): S2 / G: U: yes	rappporteur: MAANSAARI, Kirsi MCC: SULTAN, Alain	NOKIA KOREA	<i>remarks - general:</i> <i>remarks - this release:</i> -> Rel-6
			draft 21/01/2002 0 . 3 . 0 draft 0 . 5 . 0 SP-15 19/03/2002 1 . 0 . 0 SP-020156 S2-24 1 . 1 . 0	get it get it			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.915	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> SULTAN, Alain			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i> 2001-09-06: S2 Secretary: "May become 25.815." 2001-11-20: it has done so!	
					<i>remarks - this release:</i> .	

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> SULTAN, Alain			
	<i>history (event, available, version,</i>					
	SP-13 01/10/2001 2 . 0 . 0 SP-010508 - approved as 23.875	get it			<i>remarks - general:</i> SP-13: changed number to 23.875.	
					<i>remarks - this release:</i> May-2001: Sultan wonders whether this spec is needed. SP-13: Concern that this is a poor title - it is NOT a real stage 2.	

Rel-5 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241	3GPP generic user profile requirements; Stage 3; Access; Common objects					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.		
	<i>freeze_meeting:</i> TP-16	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
					<i>remarks - general:</i> Cf work item 'Generic user profile' - may be renumbered to 27.241	
					<i>remarks - this release:</i> 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

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description
Rel-5 *current version: none* WG (prime / other): R2 / rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 G: U: yes MCC: ARZELIER, Claude
history (event, available, version,
RP-12 19/06/2001 1 . 0 . 0 RP-010345 [get it](#) *remarks - general:*
RP-13 01/10/2001 2 . 0 . 0 RP-010562 [get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
RP-13 02/10/2001 5 . 0 . 0 [get it](#)

TR 25.861 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,
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,
RP-13 01/10/2001 1 . 0 . 0 RP-010672. RP-17: withdrawn. [get it](#) *remarks - general:*
remarks - this release: RP-17: withdrawn.

TR 25.886 Small technical enhancements and improvements work item
Rel-5 *current version: none* WG (prime / other): R4 / rapporteur:
freeze_meeting: RP-15 G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
remarks - general:
remarks - this release: RP-17: withdrawn.

TR 25.887 Beamforming
Rel-5 *current version: none* WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi Nokia Japan Co. Ltd
freeze_meeting: RP-15 G: U: yes MCC: SASAKI, Tsukasa
history (event, available, version,
R1-22 0 . 0 . 1 R1-011342 *remarks - general:*
RP-14 07/12/2001 1 . 0 . 0 RP-010800 [get it](#) *remarks - this release:* RP-15: Deferred to Rel-6.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

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,

WG (prime / other): T2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

remarks - general: SP-16: to "GERAN" set.
remarks - this release: WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

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,

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](#)

remarks - general:

remarks - this release: NP-16: shifted to Rel-6.

N3-010210

N3-18 0 . 2 . 0 N3-010312, N3-010315

N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427

[get it](#)

NP-14 02/01/2002 1 . 0 . 0 NP-010565

[get it](#)

NP-15 18/02/2002 1 . 2 . 0 NP-020077

[get it](#)

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,
NP-16

WG (prime / other): N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
G: *U:* yes *MCC:* ZOICAS, Adrian

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

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Server WITHDRAWN specs Rel-5 29 .- series
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
history (event, available, version,

WG (prime / other): N5 / *rapporteur:* ,
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.

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
history (event, available, version,

WG (prime / other): N5 / *rapporteur:* ,
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.

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
history (event, available, version,

WG (prime / other): N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd
G: U: yes *MCC:* KYMALAINEN, Kimmo

remarks - general: superseded by 29.903

remarks - this release: . TSG#11:creation; superseded by 29.903

TS 29.226 reserved

Rel-5 *current version: none*
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N4 / *rapporteur:* VACANT,
G: U: yes *MCC:* KYMALAINEN, Kimmo

remarks - general:

remarks - this release: WI approved TSG#7

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*
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
G: U: yes *MCC:* ZOICAS, Adrian

remarks - general:

remarks - this release: SP-14 stopped.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version: none* *freeze_meeting: NP-15* *history (event, available, version,*
WG (prime / other): N5 / rapporteur: UNMEHOPA, Musa Lucent Technologies Nederland B.V.
G: U: yes MCC: ZOICAS, Adrian

remarks - general:
remarks - this release: .

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* *history (event, available, version,*
WG (prime / other): T3 / - rapporteur: VIALLET, Sophie GEMPLUS Card International
G: yes U: yes MCC: DIETZE, Claus
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* *history (event, available, version,*
WG (prime / other): T3 / - rapporteur: VIALLET, Sophie GEMPLUS Card International
G: yes U: yes MCC: DIETZE, Claus
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* *history (event, available, version,*
WG (prime / other): T3 / rapporteur: TON, Wim ASPECTS Software Ltd
G: U: yes MCC: DIETZE, Claus
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

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108	Telecommunication management; Subscriber and equipment trace				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	draft 08/11/2001 0 . 0 . 1	get it	<i>remarks - general:</i> 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,		
	draft 26/02/2002 0 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Partial service only. 32..42x and 52.008.		
<hr/>					
TS 32.112	Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point: CMIP solution set				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	draft 27/06/2001 0 . 1 . 3	get it	<i>remarks - general:</i>		
	draft 21/01/2002 0 . 5 . 4	get it	<i>remarks - this release:</i> SP-15: move to Rel6.		
	draft 28/01/2002 0 . 5 . 5	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service			
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i>	
	<i>freeze_meeting: SP-15</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	-> 32.112
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements			
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: SP-17</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.
<hr/>				
TS 32.682	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service			
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: SP-17</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.
<hr/>				
TS 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: SP-17</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.
<hr/>				
TS 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set			
Rel-5	<i>current version: none</i>	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: SP-17</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i>	
			<i>remarks - this release:</i>	SP-17: moved to Rel-6.

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.801 Performance management

Rel-5 *current version: none*
freeze_meeting: SP-15
history (event, available, version,

WG (prime / other): S5 / *rapporteur:* KORINEK, Frank Motorola Inc.
G: *U: yes* *MCC:* ZOICAS, Adrian

remarks - general: (Release 4/5 Building Block: OAM-PM)
remarks - this release: 2001-08-27: S5 Secretary: no document to be produced.

Rel-5 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security

Rel-5 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited
G: *U: yes* *MCC:* POPE, Maurice

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: .2002-06-26: Item abandoned, since seems unlikely any more work will be done on

Rel-5 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5 *current version: none*
freeze_meeting: SP-15

history (event, available, version,

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

remarks - general: SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

Rel-5 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.035 Immediate Service Termination (IST); Stage 2
Rel-5 *current version: none*
freeze_meeting: SP-15

history (event, available, version,

WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice
remarks - general: SP-16: withdrawn in favour of 23.035.
remarks - this release: SP-16: withdrawn in favour of 23.035.

TR 43.930 Iur-g interface; Stage 2
Rel-5 *current version: none*
freeze_meeting: GP-09

history (event, available, version,

GP-09		0	.	3	.	0	GP-020733		
GP-09	22/04/2002	0	.	4	.	0	GP-021274	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.
draft	19/07/2002	0	.	5	.	1		get it	
GP-10	19/07/2002	5	.	0	.	0		get it	
GP-11	16/09/2002	5	.	1	.	0	GP-11: withdrawn and technically identical document issued as TS	get it	

Rel-5 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
Rel-5 *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* JORGENSEN, Per Johan
remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994 handling both "GSM" and "UMTS" problems.

Rel-5 51 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface
Rel-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,
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
remarks - this release: TP-16: Rel-5 version withdrawn.

Rel-4

Rel-4 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1
Rel-4 *current version: none* WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 G: yes U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
remarks - general: Transfer>TSG#4
remarks - this release: TSG#11: Becomes 42.043 for Rel-4 (!).

TS 22.112 USIM toolkit interpreter; Stage 1
Rel-4 *current version: none* WG (prime / other): T3 / - *rapporteur:* MEYER, Michael GIESECKE & DEVRIENT GmbH
freeze_meeting: SP-11 G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-10 11/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*
TP-11 09/04/2001 4 . 0 . 0 withdrawn TP-13 [get it](#) *remarks - this release:* TP-13: Rel-4 withdrawn, since stage 2 not ready.

TS 22.227 Service requirements for the Open Service Access (OSA)
Rel-4 *current version: none* WG (prime / other): S1 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
freeze_meeting: SP-11 G: U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
remarks - general: Clayton Apr-2001: spec not required (see 22.127)
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

SP-07 17/03/2000 1 . 0 . 0 SP-000073
draft 09/05/2000 1 . 4 . 0
SP-08 28/06/2000 2 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* Created Jan-00
[get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).
[get it](#)

Rel-4 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to
GERAN systems only.

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

SP-11 18/06/2002 4 . 0 . 0 withdrawn

WG (prime / other): S2 / - *rapporteur:* KÄLL, Jan NOKIA Corporation
G: *U:* yes *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-4 *current version:* none
freeze_meeting: SP-12
history (event, available, version,

SP-10 31/01/2001 1 . 0 . 0 SP-000594
draft 01/02/2001 1 . 1 . 0
draft 26/06/2001 1 . 7 . 3 suspicious version number!
SP-12 26/06/2001 2 . 0 . 0 S2-011123, SP-010337

WG (prime / other): S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
G: yes *U:* yes *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-12: becomes Rel-5
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.814 Separating RR and MM specific parts of the MS Classmark

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
NP-11 4 . 0 . 0 *doa. Stick at R99.*

WG (prime / other): N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited
G: *U:* yes *MCC:* JORGENSEN, Per Johan

remarks - general: New after TSG#5
remarks - this release: Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

TR 23.913 UMTS Turbo-Charger

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
N1-06 20/08/1999 0 . 0 . 1
N1-07 17/09/1999 0 . 0 . 2
N1-08 29/10/1999 0 . 0 . 3
revision 15/11/1999 0 . 1 . 0
revision 30/11/1999 0 . 1 . 1
NP-06 17/12/1999 1 . 0 . 0
N1-09 03/12/1999 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: *U:* yes *MCC:* ,

[get it](#) *remarks - general:* New after TSG#5
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 23.922 Architecture for an All IP network

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 4 . 0 . 0 *abandoned July 2001*

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
G: yes *U:* yes *MCC:* SULTAN, Alain

remarks - general: TSG#5: 1.0.0
remarks - this release: 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 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 4 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* HUBBARD, Elisabeth TELIA AB
G: yes *U:* yes *MCC:* SULTAN, Alain

remarks - general:
remarks - this release: Sultan Apr-2001: contents out of date, not appropriate for Rel-4.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.972 Circuit switched multimedia telephony
Rel-4 *current version: none*
freeze_meeting: SP-11

history (event, available, version, NP-11 4 . 0 . 0 doa. Stick at R99.

WG (prime / other): N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: U: yes *MCC:* JORGENSEN, Per Johan

remarks - general: New after TSG#5. Minor title change TSG#7.
remarks - this release: Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.

Rel-4 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.004 Layer 1 - General Requirements
Rel-4 *current version: none*
freeze_meeting: SP-11

history (event, available, version, GP-04 4 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* THOMAS, Rémi France Telecom
THOMASEN, Gert
G: yes *U:*

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 (SMSCB) Support on the Mobile Radio Interface
Rel-4 *current version: none*
freeze_meeting: SP-11

history (event, available, version,

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
THOMASEN, Gert
G: yes *U:* yes

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 sate llite access
Rel-4 *current version: none*
freeze_meeting: SP-11

history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:*

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TR 24.946 reserved
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
WG (*prime / other*): / *rapporteur:* VACANT,
G: U: yes *MCC:*

remarks - general:
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.107 UTRA Repeater; Conformance testing
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
Start of work 01/08/2000 0 . 0 . 1
WG (*prime / other*): - / - *rapporteur:* NILSSON, Martin Indicate persons who left Company and wait for new
G: U: yes *MCC:* , One
[get it](#) *remarks - general:* -> 25.143
remarks - this release: Scrapped in favour of 25.143

TS 25.371 LMU signalling
Rel-4 *current version:* none
freeze_meeting: SP-07
history (event, available, version,
WG (*prime / other*): - / - *rapporteur:* MOULY, Michel ARGUIN Communications
G: U: yes *MCC:* ,
remarks - general: Created Jan 00; wdrwn Apr00
remarks - this release: First draft: Jan2000

TR 25.835 Report on hybrid ARQ type II/III
Rel-4 *current version:* none
freeze_meeting:
history (event, available, version,
RP-09 16/10/2000 1 . 0 . 0
WG (*prime / other*): R2 / - *rapporteur:* SITTE, Armin SIEMENS AG
G: U: yes *MCC:* ARZELIER, Claude
[get it](#) *remarks - general:*
remarks - this release: 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.845	FDD RACH and AICH performance requirements				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> VIHRIÄLÄ, Jaakko	NOKIA Corporation	
	<i>freeze_meeting:</i> freeze_meeting:	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>				
	draft 20/12/2000 0 . 0 . 2	get it	<i>remarks - general:</i>		
	draft 14/05/2001 0 . 0 . 3	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5. RP-17: withdrawn.		
<hr/>					
TR 25.846	CPCH performance				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> 2001-02-13: scrapped		
			<i>remarks - this release:</i> .		
<hr/>					
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	G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</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	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</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			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.933 IP transport in UTRAN

Rel-4 *current version:* none
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: *U:* yes *MCC:* KRAUSE, Joern

draft	15/05/2000	0	.	0	.	1		get it
R3-13	15/06/2000	0	.	1	.	0		get it
R3-13	15/07/2000	0	.	1	.	1		get it
RP-09	15/08/2000	0	.	2	.	0		get it
RP-10	21/12/2000	0	.	4	.	0	RP-000644	get it
RP-11	06/04/2001	1	.	0	.	0		get it
RP-12	05/07/2001	1	.	1	.	0	RP-010425	get it
RP-13	01/10/2001	1	.	4	.	0	RP-010642	get it
draft	13/11/2001	1	.	4	.	1	to Rel-5	get it
RP-14	06/12/2001	1	.	5	.	0	RP-010876	get it
draft	02/01/2002	1	.	5	.	1		get it
RP-15	19/03/2002	1	.	7	.	1	RP-020136, withdrawn	get it
RP-15	19/03/2002	2	.	0	.	0	RP-020137	get it

remarks - general:
remarks - this release: 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).

TR 25.938 Terminal power saving features

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.
G: *U:* yes *MCC:* KRAUSE, Joern

draft	15/08/2000	0	.	0	.	1		get it
draft	05/10/2000	0	.	1	.	0		get it
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

remarks - general: R3-27: abandoned.
remarks - this release: RP-15: Withdrawal confirmed.

TR 25.951 Base Station classification (FDD)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R4 / - *rapporteur:* SÄYÑÄJÄKANGAS, NOKIA Corporation
G: *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

draft	21/11/2000	0	.	0	.	1		get it
RP-10	21/12/2000	1	.	0	.	0	RP-000598	get it
RP-13	01/10/2001	1	.	1	.	0	RP-010681	get it

remarks - general:
remarks - this release: 2002-01-24: Gutierrez: moved to Rel-5

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.952 Base Station classification (TDD)
Rel-4 *current version:* none *WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
freeze_meeting: *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
draft 21/11/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 21/12/2000 1 . 0 . 0 [get it](#) *remarks - this release:* -> 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 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 *G:* U: yes *MCC:* USAI, Paolino
history (event, available, version,
SP-11 4 . 0 . 0 *remarks - general:* Replaced by 26.978.
remarks - this release: Replaced by 26.978.

TS 26.226 Global text telephony (GTT); Transport of text in the voice channel
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-08 23/06/2000 0 . 0 . 0 [get it](#) *remarks - general:* SP-16: in "GERAN" set.
SP-09 18/10/2000 0 . 0 . 9 [get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5
draft 24/10/2000 0 . 0 . 10 [get it](#)
SP-10 21/12/2000 4 . 0 . 0 [get it](#)

TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description
Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-10 21/12/2000 4 . 0 . 0 [get it](#) *remarks - general:* SP-16: in "GERAN" set.
remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* USAI, Paolino
history (event, available, version,
remarks - general:
remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* U: yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* U: yes *MCC:* BOSWARTHICK, David
history (event, available, version,
remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801	Overall Project Plan								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain			SOURCE COM	
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	draft 30/07/1999	0	. 1	. 0	get it	<i>remarks - general:</i>			
	draft 30/08/1999	0	. 2	. 0	get it	<i>remarks - this release:</i> TSG#11: Work stopped.			
	draft 30/09/1999	0	. 3	. 0	get it				
	SP-05 13/10/1999	1	. 0	. 0	get it				
	draft 02/12/1999	1	. 1	. 0	get it				
TR 30.802	Project plan on Bearer Services and QoS								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar			T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	SP-05 13/10/1999	1	. 0	. 0	get it	<i>remarks - general:</i>			
	SP-09	4	. 0	. 0		<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.			
TR 30.804	Project plan on GSM/UMTS Interoperation and Mobility Management								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François			ALCATEL S.A.	
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	SP-05 13/10/1999	1	. 0	. 0	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> TSG#11: Work stopped.			
TR 30.806	Project plan on Location based services								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan			NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11			<i>G:</i>	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	SP-05 13/10/1999	1	. 0	. 0	get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> TSG#11: Work stopped.			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.808 Project plan on Packet Architecture and Circuit Architecture

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* DROPMANN, Ulrich
G: U: yes *MCC:* SULTAN, Alain

SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

TR 30.810 Project plan on Security

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-05 24/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* PUDNEY, Chris
G: U: yes *MCC:* SULTAN, Alain

VODAFONE Group Plc

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

TR 30.812 Project plan on Services and Service platforms

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob
G: U: yes *MCC:* SULTAN, Alain

CELLPOINT SYSTEMS AB

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-4 *current version: none*
freeze_meeting: SP-15
history (event, available, version,
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains
valid.

WG (prime / other): T3 / *rapporteur:* KALINER, Stefan
G: U: yes *MCC:* DIETZE, Claus

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* 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.

TS 32.105 3G charging and billing; Stage 2 description

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
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.

WG (prime / other): S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.
G: U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.
[get it](#)
[get it](#)

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 SP-12: withdrawn.

WG (prime / other): S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
G: U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* SP-08: split into eight parts
remarks - this release: SP-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*
freeze_meeting: SP-12
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
G: U: yes *MCC:* ZOICAS, Adrian

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*
freeze_meeting: SP-12
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
G: U: yes *MCC:* ZOICAS, Adrian

remarks - general: TSG#8: split into eight parts
remarks - this release: SP-12: withdrawn.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

-
- 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,
remarks - general: TSG#8: split into eight parts
remarks - this release: SP-12: withdrawn.
-
- TS 32.106-5 Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including**
Rel-4 *current version:* **NRM) version 1** none *WG (prime / other):* S5 /- *rapporteur:* TOVINGER, Thomas
Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: TSG#8: split into eight parts
remarks - this release: SP-12: withdrawn.
-
- TS 32.106-6 Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1**
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: TSG#8: split into eight parts
remarks - this release: SP-12: withdrawn.
-
- TS 32.106-7 Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1**
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: TSG#8: split into eight parts
remarks - this release: SP-12: withdrawn.
-
- TS 32.106-8 Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects**
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 SP-12: withdrawn. [get it](#) *remarks - general:* TSG#8: split into eight parts
remarks - this release: SP-12: withdrawn. See 32.600.
-

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111	3G Fault Management	Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11 <i>history (event, available, version, SP-11 28/03/2001</i>	4 . 0 . 0	<i>WG (prime / other):</i> S5 / - <i>G:</i> U: yes	<i>rapporteur:</i> CICCHITTO, Gaetano <i>MCC:</i> ZOICAS, Adrian	SIEMENS Mobile Communications S.p.A.	get it <i>remarks - general:</i> TSG#8: split into 4 parts <i>remarks - this release:</i> .
<hr/>								
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>history (event, available, version, SP-12</i>	2 . 0 . 0 SP-010285	<i>WG (prime / other):</i> S5 / <i>G:</i> U: yes	<i>rapporteur:</i> , <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>history (event, available, version, SP-12</i>	2 . 0 . 0 SP-010285	<i>WG (prime / other):</i> S2 / <i>G:</i> U: yes	<i>rapporteur:</i> , <i>MCC:</i> SULTAN, Alain		<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>history (event, available, version, draft 01/08/2000</i>	0 . 1 . 0	<i>WG (prime / other):</i> S5 / - <i>G:</i> U: yes	<i>rapporteur:</i> CARYER, Geoffrey <i>MCC:</i> ZOICAS, Adrian	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.	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>history (event, available, version, SP-12 18/06/2001</i>	2 . 0 . 0	<i>WG (prime / other):</i> S5 / - <i>G:</i> U: yes	<i>rapporteur:</i> PIRT, Trevor <i>MCC:</i> ZOICAS, Adrian	MOTOROLA Ltd	get it <i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.301. <i>remarks - this release:</i> .

G = required in systems with GERAN access; U = required in systems with UMTS

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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>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> TSE, Edwin Ericsson Incorporated <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> .
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>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> SCHEER, Randal Lucent Technologies <i>MCC:</i> ZOICAS, Adrian	get it <i>remarks - general:</i> Replaces 32.106-3 SP-12: stopped. See 32.303. <i>remarks - this release:</i> .
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>freeze_meeting:</i> <i>history (event, available, version,</i> SP-12 18/06/2001 2 . 0 . 0	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG <i>MCC:</i> ZOICAS, Adrian	get it <i>remarks - general:</i> Replaces 32.106-4 SP-12: stopped. See 32..304. <i>remarks - this release:</i> .
TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements	Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - G: yes U: yes	<i>rapporteur:</i> , <i>MCC:</i> ZOICAS, Adrian	<i>remarks - general:</i> -> 32.111 <i>remarks - this release:</i> .
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM	Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i> SP-12 21/06/2001 1 . 0 . 0 SP-13 11/10/2001 2 . 0 . 0 SP-010467 approved as 52.042	<i>WG (prime / other):</i> S5 / - G: yes U:	<i>rapporteur:</i> NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND <i>MCC:</i> ZOICAS, Adrian	get it <i>remarks - general:</i> was 32.104 (pars). SP-13: replaced by 52.402. get it <i>remarks - this release:</i>

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 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>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> WILBER, John
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.601.
	<i>remarks - this release:</i> .

TS 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic Configuration Management Integration Reference Point (IRP) information model
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.
	<i>remarks - this release:</i> .

TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic Configuration Management Integration Reference Point (IRP): CORBA solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.
	<i>remarks - this release:</i> .

TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.604.
	<i>remarks - this release:</i> .

TS 32.602-1	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk CM Integration Reference Point (IRP) requirements
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> ,
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> SP-12: stopped. See 32.611.
	<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.602-2 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): Information

Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* ,
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* SP-12: stopped. See 32.612.
remarks - this release: .

TS 32.602-3 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CORBA

Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* SP-12: stopped. See 32.613.
remarks - this release: .

TS 32.602-4 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CMIP

Rel-4 *current version:* none *WG (prime / other):* S5 / *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* SP-12: stopped. See 32.614.
remarks - this release: .

TS 32.602-5 Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): XML file

Rel-4 *current version:* format definition *WG (prime / other):* S5 / *rapporteur:* ,
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* SP-12: stopped. See 32.615.
remarks - this release: .

TS 32.620-1 Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.621.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): NRM
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.
	<i>remarks - this release:</i> .

TS 32.620-3	Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
	<i>remarks - this release:</i> .

TS 32.620-4	Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) CMIP solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.624.
	<i>remarks - this release:</i> .

TS 32.621-1	Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.631.
	<i>remarks - this release:</i> .

TS 32.621-2	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): NRM
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.
	<i>remarks - this release:</i> .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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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,
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: .

TS 32.621-4 Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.634.
remarks - this release: .

TS 32.622-1 Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.641.
remarks - this release: .

TS 32.622-2 Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): NRM
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.
remarks - this release: .

TS 32.622-3 Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.622-4 Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.644.
remarks - this release: .

TS 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: G: U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651.
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,
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,
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,
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: .

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server WITHDRAWN specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security
Rel-4 *current version: none*
freeze_meeting:
history (event, available, version, draft 0 . 3 . 5
WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited
G: *U:* yes *MCC:* POPE, Maurice
remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

TR 33.900 Guide to 3G security
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version,
WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: *U:* yes *MCC:* POPE, Maurice
remarks - general:
remarks - this release:

TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms
Rel-4 *current version: none*
freeze_meeting: SP-11
WG (prime / other): S3 / SAG *rapporteur:* VACANT,
E
G: *U:* yes *MCC:* POPE, Maurice
history (event, available, version, draft 2 . 0 . 0 only available as
http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf
remarks - general: Source: ETSI SAGE.
remarks - this release: SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.001 GSM Specification set
Rel-4 *current version: none*
freeze_meeting: SP-11
history (event, available, version, SP-10 03/12/2000 1 . 0 . 0
WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes *U:* *MCC:* POPE, Maurice
[get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.
remarks - this release: ->41.102

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 41 .- series
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 42.032 Immediate Service Termination (IST); Service description; Stage 1
Rel-4 *current version:* none *freeze_meeting:* SP-11 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes *U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [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 *freeze_meeting:* SP-11 *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
G: yes *U:* *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12 [get it](#) *remarks - general:* TP-12: Becomes 22.048.
remarks - this release: TP-12: Becomes 22.048.

TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1
Rel-4 *current version:* none *freeze_meeting:* SP-11 *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* *MCC:* USAI, Paolino
remarks - general: Scrapped - see 22.053, Rel-4 onwards.
remarks - this release:

Rel-4 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.035	Immediate Service Termination (IST); Stage 2							
Rel-4	<i>current version:</i> none							
	<i>freeze_meeting:</i> SP-11							
	<i>history (event, available, version,</i>							
	SP-11 10/04/2001	4	.	0	.	0		
	SP-15 26/03/2002	4	.	1	.	0		
							get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.
							get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.
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>history (event, available, version,</i>							
	post-TSG-14 23/01/2002	4	.	0	.	0		
							get it	<i>remarks - general:</i> 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.
								<i>remarks - this release:</i> .2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.
TS 43.048	Security Mechanisms for SIM Toolkit Application; Stage 2							
Rel-4	<i>current version:</i> none							
	<i>freeze_meeting:</i> SP-11							
	<i>history (event, available, version,</i>							
	TP-11 09/04/2001	4	.	0	.	0		
							get it	<i>remarks - general:</i> TP-12: replaced by 23.048.
								<i>remarks - this release:</i> TP-12: replaced by 23.048.
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2							
Rel-4	<i>current version:</i> none							
	<i>freeze_meeting:</i> SP-11							
	<i>history (event, available, version,</i>							
	GP-02 05/01/2001	4	.	0	.	0		
							get it	<i>remarks - general:</i> Originally created as 03.51r00
								<i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn
TS 43.063	Packet Data on Signalling channels service (PDS) Service description, Stage 2							
Rel-4	<i>current version:</i> none							
	<i>freeze_meeting:</i> SP-11							
	<i>history (event, available, version,</i>							
	NP-11 11/04/2001	4	.	0	.	0		
							get it	<i>remarks - general:</i> 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
								<i>remarks - this release:</i> 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1 withdraw.
								work not continued beyond R99, so proposes to withdraw.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11

4 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard
G: yes U: *MCC:* SULTAN, Alain

SAMSUNG Electronics Research Institute

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
freeze_meeting: SP-11
history (event, available, version,

NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew
G: yes U: *MCC:* JORGENSEN, Per Johan

MOTOROLA Ltd

[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
freeze_meeting: SP-11
history (event, available, version,

NP-11 11/04/2001 4 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* JACOBSON, Dieter
G: yes U: *MCC:* JORGENSEN, Per Johan

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.

work not continued beyond R99, so proposes to withdraw.

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3
Rel-4 *current version: none* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 G: yes U: *MCC:* USAI, Paolino
history (event, available, version, *remarks - general: -> 28.062*
remarks - this release: -> 28.062

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
Rel-4 *current version: none* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version, *remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to*
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-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, *remarks - general:*
remarks - this release: 2001-April:Clayton: stopped.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TS 50.056	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1						
Rel-4	<i>current version: none</i>	WG (prime / other): S2 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.			
	<i>freeze_meeting: SP-11</i>	G: yes U:	MCC: SULTAN, Alain				
	<i>history (event, available, version, SP-11</i>	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	<i>current version: none</i>	WG (prime / other): GP / -	rapporteur: ISAACS, Ken	SIEMENS AG			
	<i>freeze_meeting: SP-11</i>	G: yes U:	MCC: USAI, Paolino				
	<i>history (event, available, version,</i>						
					remarks - general:		
					remarks - this release: Usai Apr-2001: will never be produced.		
TR 50.099	GERAN project plan and open issues						
Rel-4	<i>current version: none</i>	WG (prime / other): GP / -	rapporteur: MUELLER, Frank	Telefon AB LM Ericsson			
	<i>freeze_meeting: SP-11</i>	G: yes U:	MCC: USAI, Paolino				
	<i>history (event, available, version,</i>						
	draft 09/10/2000	0 . 0 . 1	get it		remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as		
	draft 06/11/2000	0 . 0 . 2	get it		remarks - this release: GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly Rel-5.		
					numbered and were not subsequent at all, so do not appear in history; latest draft		
	draft 02/04/2000	0 . 0 . 2	get it				
					is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".		
	draft 08/05/2000	0 . 0 . 3	get it				
	draft 28/05/2000	0 . 0 . 4	get it				
	GP-04 10/05/2000	0 . 0 . 6	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	get it				GP-021208
	draft 17/09/2002	0 . 0 . 20	get it				
	GP-12 26/11/2002	0 . 23 . 0					GP-023436

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 51 .- series
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,
TP-14 02/01/2002 0 . 0 . 1 TP-010250

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because
remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. doc was in fact R99, not

Rel-4.

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,

remarks - general:
remarks - this release: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex

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,
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

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Server WITHDRAWN specs R00 02 .- series
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, smg-32 20/06/2000 9 . 0 . 0)*
WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

TS 02.69 Voice Broadcast Service (VBS); Stage 1
R00 *current version: none* *freeze_meeting:* *history (event, available, version, smg-32 20/06/2000 9 . 0 . 0)*
WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

R00 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions
R00 *current version: none* *freeze_meeting:* SP-11
WG (prime / other): S3 / NP / GP *rapporteur:* NGUYEN NGOC, France Telecom
G: yes U: *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.51	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	draft 30/05/2000 0 . 0 . 1				
			<i>remarks - general:</i> -> 43.051		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.59	Location services (LCS) GERAN; Stage 2				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	draft 30/05/2000 0 . 0 . 1		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> replaced by 43.059	
<hr/>					
TS 03.68	Voice Group Call Service (VGCS); Stage 2				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-32 20/06/2000 9 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0	
<hr/>					
TS 03.69	Voice Broadcast service (VBS); Stage 2				
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-30 20/06/2000 9 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0	
<hr/>					
R00	04 .- series	Server location:	http://www.3gpp.org/ftp/Specs/archive/04_series		
<hr/>					

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18	Mobile radio interface layer 3 specification; Radio Resource Control Protocol								
R00	<i>current version:</i> none	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i>	G: yes U:	MCC: THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-32 20/06/2000 9 . 0 . 0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> Aug00: replaced by 44.018						
<hr/>									
TS 04.68	Group Call Control (GCC) Protocol								
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i>	G: yes U:	MCC: JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 04.69	Broadcast Call Control (BCC) protocol								
R00	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i>	G: yes U:	MCC: JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0	get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						

R00

08 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version:* none
freeze_meeting:

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
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
G: yes *U:* *MCC:*

history (event, available, version,

draft (as 10.99)	30/05/2000	0	.	0	.	5
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[get it](#) *remarks - general:*
remarks - this release: .

R00 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part1: 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,
smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
edito 12/07/2000 9 . 0 . 1 [get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R00 *current version: none* *freeze_meeting:* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP
/ G4
G: yes U: MCC: SALMERON, Lidia
history (event, available, version,
smg-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/lub 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,
draft 15/08/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 21/09/2000 0 . 1 . 0 RP-000642 [get it](#) *remarks - this release:* -> Rel-4

G = required in systems with GERAN acces; U = required in systems with UMTS

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* POPE, Maurice
history (event, available, version,
smg-30 11/11/1999 8 . 0 . 0 SP-15: withdrawn since SMG and [get it](#) *remarks - general:*
PT-SMG no longer exist. *remarks - this release:*

TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements
R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* MESSIET, Samira ALCATEL S.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael
history (event, available, version,
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: CTS is dead duck

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G
smg-30 25/10/2001 8 . 2 . 0 [get it](#)
ETSI publication 30/10/2001 8 . 2 . 1 [get it](#)

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.02 R99 current version: none freeze_meeting: SP-06 history (event, available, version, smg-29 25/06/1999 8 . 0 . 0	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN) WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited
	get it	remarks - general: remarks - this release:	
TS 02.03 R99 current version: none freeze_meeting: SP-06 history (event, available, version, smg-30 11/11/1999 8 . 0 . 0 withdrawn	Teleservices Supported by a GSM Public Land Mobile Network (PLMN) WG (prime / other): S1 / - G: yes U:	rapporteur: CONRAD, Alan MCC: CLAYTON, Michael	T-MOBILE DEUTSCHLAND
	get it	remarks - general: remarks - this release: #30: 8.0.0 TSG#6->3g	
TS 02.04 R99 current version: none freeze_meeting: SP-06 history (event, available, version, smg-28 12/02/1999 8 . 0 . 0 smg-29 26/06/1999 8 . 1 . 0 withdrawn (becomes 22.004)	General on Supplementary Services WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited
	get it get it	remarks - general: remarks - this release:	
TS 02.07 R99 current version: none freeze_meeting: SP-06 history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 smg-30 8 . 1 . 0	Mobile Station (MS) Features WG (prime / other): S1 / - G: yes U:	rapporteur: JEAL, David MCC: CLAYTON, Michael	VODAFONE Group Plc
	get it get it	remarks - general: remarks - this release: TSG#6: withdrawn	withdrawn. The text for 02.07 was moved to 22.001 and to 22.101; see CR 22.101-028 which resulted in version 3.8.0 and CR 22.100-001 which resulted in version 3.1.0.
TS 02.32 R99 current version: none freeze_meeting: SP-06 history (event, available, version, Upgrade to R99 14/02/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1	Immediate Service Termination (IST); Service description; Stage 1 WG (prime / other): S3 / G: yes U:	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One
	get it get it	remarks - general: remarks - this release: SP-16: withdrawn in favour of 22.032 R99.	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi				NOKIA Corporation
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 8 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-29 25/06/1999 8 . 1 . 0	withdrawn -> 22.034		get it	<i>remarks - this release:</i>				
<hr/>									
TS 02.38	SIM application toolkit (SAT); Stage 1								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul				Research In Motion Limited
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Moved from T3 Jan-00.				
					<i>remarks - this release:</i> Place holder - no spec.				
<hr/>									
TS 02.40	Procedures for Call Progress Indications								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-30 11/11/1999 8 . 0 . 0	withdrawn. The text for 02.40 was		get it	<i>remarks - general:</i>				
		moved to 22.001. refer to CR			<i>remarks - this release:</i> R99 -> 22.101				
		22.001-001 which resulted in version							
		3.1.0 of 22.001.							
<hr/>									
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les				Union Internationale des Chemins de Fer
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 8 . 0 . 0	withdrawn -> 22.042		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael				EMCOM Ltd
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 8 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.60 General Packet Radio Service Stage 1 Description

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: SP-06 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release: #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)*

TS 02.78 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK
freeze_meeting: SP-06 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: SP-06 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R99 *current version: none* WG (prime / other): S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
freeze_meeting: SP-06 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	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: SULTAN, Alain					
	<i>history (event, available, version,</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 03.35	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				
	<i>freeze_meeting:</i> SP-06		G: yes U:	MCC: POPE, Maurice	One				
	<i>history (event, available, version,</i>								
	Upgrade to R99 30/06/2000	8 . 0 . 0							
	SP-11 04/04/2001	8 . 1 . 0	get it	<i>remarks - general:</i>					
			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,</i>								
	frozen at v7 20/11/2000	8 . 0 . 0							
	(withdrawn)		get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> Frozen at v7					
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-06		G: yes U:	MCC: RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	Upgrade to R99 30/06/2000	8 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> Sticks at v7					
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R99	<i>current version:</i> none		<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH				
	<i>freeze_meeting:</i> SP-06		G: yes U:	MCC: RODERMUND, Friedhelm					
	<i>history (event, available, version,</i>								
	Upgrade to R99 30/06/2000	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

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> clamped at v7					
<hr/>									
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> SULTAN, Alain						
	<i>history (event, available, version,</i> Upgrade to R99 01/05/2000 8 . 0 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> Never produced; make do with R98 version.					
<hr/>									
TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn		get it	<i>remarks - general:</i> <i>remarks - this release:</i> TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.					
<hr/>									
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2								
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	SONERA Corporation					
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</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)					

R99

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services
R99 *current version: Switching Centre (BSS - MSC) interface* none *WG (prime / other):* N3 /- *rporteur:* KLEHN, Norbert
SIEMENS AG

freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
R99 *current version: none* *WG (prime / other):* N1 /- *rporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn [get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

TS 04.94 Follow Me Service description; Stage 3
R99 *current version: none* *WG (prime / other):* - /- *rporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* ,

history (event, available, version,
remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines
R99 *current version: none* *WG (prime / other):* G1 / G2 *rporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.
R99 will not be produced (source: Usai 2001-01-05)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

R99 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version, smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version, smg-29 25/06/1999 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* WIJK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* BOSWARTHICK, David
history (event, available, version, smg-29 25/06/1999 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.08 GSM Application Programming Interface

R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version, Creation of R99 30/06/2000 8 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: Frozen at v5

R99 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status

R99 *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,
draft 17/04/1998 1 . 2 . 0 empty!
smg-28 30/06/1999 1 . 11 . 0 [get it](#) *remarks - general:*
[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, Vodafone D2 GmbH
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* Friedhelm
RODERMUND, Friedhelm
history (event, available, version,
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:* USAI, Paolino
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
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".

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,
draft 14/03/2000 0 . 0 . 3 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped".
draft 08/04/2000 0 . 0 . 4 [get it](#) *remarks - this release:* 2002-01-23: Usai indicates "stopped".
draft 19/04/2000 0 . 0 . 5 [get it](#)
draft 04/08/2000 0 . 0 . 6 2002-01-23: Usai indicates "stopped". [get it](#)

R99

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server WITHDRAWN specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): G5	/ S1 / NP / T2 / SCP / G4	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED				
		G: yes	U:	MCC: SALMERON, Lidia					
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0			get it	remarks - general: 2001-11-19: G4->G5. remarks - this release: proposed, but nya; flagged as withdrawn at SMG#32 to make life easier				
<hr/>									
TS 11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): G5	/ S1 / NP / T2 / SCP / G4	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED				
		G: yes	U:	MCC: SALMERON, Lidia					
	history (event, available, version, Upgraded to R99 30/06/2000 8 . 0 . 0			get it	remarks - general: 2001-11-19: G4->G5. remarks - this release: skipped straight to R00.				
<hr/>									
TS 11.17	SIM test specification								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): T3	/ -	rapporteur: BREMNER, David	Indicate persons who left Company and wait for new One				
		G: yes	U:	MCC: DIETZE, Claus					
	history (event, available, version, WITHDRAWN 14/03/2000 8 . 0 . 0			get it	remarks - general: remarks - this release: May 00: R99 not anticipated.				
<hr/>									
TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface								
R99	current version: none freeze_meeting: SP-06	WG (prime / other): T3	/ -	rapporteur: LINDHOLM, Rune	NOKIA MOBILE PHONES				
		G: yes	U:	MCC: DIETZE, Claus					
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0			get it	remarks - general: remarks - this release: Sanders Oct 2000: Effectively replaced by 31.101.				

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Server WITHDRAWN specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

R99 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.010 reserved

R99 current version: none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): SP / - rapporteur: VACANT,
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
freeze_meeting: SP-06
history (event, available, version,
SP-08 28/06/2000 1 . 0 . 0

WG (prime / other): - / - rapporteur: MEREDITH, John M ETSI Secretariat
G: U: yes MCC: ,

[get it](#) remarks - general: Knobbed prior to SA#8.
remarks - this release:

TS 21.906 reserved

R99 current version: none
freeze_meeting: SP-06
history (event, available, version,
First complete 04/03/1999 0 . 0 . 0
SP-03 3 . 0 . 0

WG (prime / other): / rapporteur: CLAYTON, Michael EMCOM Ltd
G: U: yes MCC:

[get it](#) remarks - general:
remarks - this release: .

R99 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043 Support of Localized Service Area (SoLSA); Service description; Stage 1

R99 current version: none
freeze_meeting: SP-05
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 1
SP-08 28/06/2000 3 . 1 . 0

WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation
G: yes U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general: Transfer>TSG#4
[get it](#) remarks - this release: Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.053 Tandem Free Operation (TFO); Service description; Stage 1

R99 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-06 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* USAI, Paolino

remarks - general: Transfer>TSG#4.
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

TR 22.907 Terminal concepts

R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version,
Table of Contents 19/10/1997 0 . 0 . 2
and Scope
First complete 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
TB approval 20/03/1998 3 . 0 . 0
SP-03 22/04/1999 3 . 1 . 2
SP-04 23/06/1999 3 . 1 . 3

WG (prime / other): - / - *rapporteur:* TOLVANEN, Mika NOKIA MOBILE PHONES
G: *U:* yes *MCC:* ,

[get it](#) *remarks - general:* CR at TSG#4 Not maintained
remarks - this release: Withdrawn (Clayton 2000-02-11)

[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 22.924 Charging and accounting mechanisms

R99 *current version:* none
freeze_meeting: SP-03
history (event, available, version,
Table of Contents 19/10/1997 0 . 0 . 1
and Scope
First complete 19/12/1997 1 . 2 . 1
WG approval 15/02/1997 2 . 0 . 0
Under TB change 20/03/1998 3 . 0 . 0
control
TB approval 15/02/1999 3 . 1 . 0
SP-03 23/04/1999 3 . 1 . 1

WG (prime / other): - / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele
G: *U:* yes *MCC:* ,

[get it](#) *remarks - general:*
remarks - this release: .

[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.925 Quality of Service (QoS) and network performance

R99 *current version: none*
freeze_meeting: SP-03

history (event, available, version,
First complete 13/06/1997 1 . 1 . 0
WG approval 19/12/1997 2 . 0 . 0
TB approval 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 1 . 1

WG (prime / other): - / - *rapporteur:* ERIKSSON, Olle
G: *U:* yes *MCC:* ,

Telefon AB LM Ericsson

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TR 22.960 Mobile multimedia services

R99 *current version: none*
freeze_meeting: SP-03

history (event, available, version,
Table of Contents 17/10/1997 0 . 0 . 4
and Scope
First complete 19/12/1997 1 . 0 . 0
WG approval 15/02/1997 2 . 0 . 0
SP-03 23/04/1999 3 . 0 . 1 withdrawn

WG (prime / other): - / - *rapporteur:* AHNBERG, Tomas
G: *U:* yes *MCC:* ,

Indicate persons who left Company and wait for new One

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)

TR 22.970 Virtual Home Environment Report

R99 *current version: none*
freeze_meeting: SP-03

history (event, available, version,
Table of Contents 19/10/1997 0 . 0 . 7
and Scope
First complete 19/12/1997 1 . 0 . 0
WG approval 15/02/1998 2 . 0 . 0
TB approval 20/03/1998 3 . 0 . 0
SP-03 23/04/1999 3 . 0 . 1

WG (prime / other): - / - *rapporteur:* OGUNBEKUN, Jumoke
G: *U:* yes *MCC:* ,

FUJITSU Laboratories of Europe Limited

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 22.972 Circuit-switched multimedia

R99 *current version: none*
freeze_meeting: SP-06

history (event, available, version,
First complete 23/04/1999 0 . 0 . 0

WG (prime / other): - / - *rapporteur:* CLAYTON, Michael
G: *U:* yes *MCC:* ,

EMCOM Ltd

[get it](#) *remarks - general:* Title grows "cct sw".
remarks - this release: Withdrawn (Clayton 2000-02-11)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010	GSM Public Land Mobile Network (PLMN) Connection Types								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	superseded by 23.910
								<i>remarks - this release:</i>	TSG#7:3.0.0 - later scrapped
<hr/>									
TS 23.022	Functions related to Mobile Station (MS) in idle mode and group receive mode								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	3	.	0	.	0			
	SP-04 23/06/1999	3	.	1	.	0			
							get it	<i>remarks - general:</i>	Superseded by 23.122
							get it	<i>remarks - this release:</i>	3.1.0 dates from June 99
<hr/>									
TS 23.043	Support of Videotex								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	3.0.0 Apr 99 - later scrapped
<hr/>									
TS 23.044	Support of Teletex								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-03 30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	3.0.0 Apr 99 - later scrapped

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.045	Technical Realization of Facsimile Group 3 Service - transparent				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> ,		
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0				get it <i>remarks - general:</i> Version 8.x.x exists <i>remarks - this release:</i> 3.0.0 Apr 99 - reverts to 03.45 v8.0.0
<hr/>					
TS 23.046	Technical realisation of facs imile Group 3 service- non-transparent				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> ,		
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0				get it <i>remarks - general:</i> superseded by 23.146 <i>remarks - this release:</i> 3.0.0 Apr 99
<hr/>					
TS 23.054	Shared Interworking Functions (SIWF); Stage 2				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> ROSTÖ, Tommy	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0 NP-13: withdrawn				get it <i>remarks - general:</i> <i>remarks - this release:</i> NP-13: withdrawn.
<hr/>					
TS 23.069	Voice Broadcast service (VBS); Stage 2				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0				get it <i>remarks - general:</i> Reverts to 03.69 R99. <i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.
<hr/>					
TS 23.070	Routeing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KOSYDAR, L	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes U: yes	<i>MCC:</i> ,		
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0				get it <i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98. <i>remarks - this release:</i> withdrawn NP-06

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.927 VHE, Open Service Architecture (OSA)

R99 *current version:* none
freeze_meeting: SP-06

WG (prime / other): - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
G: yes *U:* yes *MCC:* ,

history (event, available, version,

First complete 23/04/1999 0 . 0 . 0

SP-03 23/04/1999 0 . 1 . 0 withdrawn

[get it](#) *remarks - general:* Replaced by 23.127
[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
freeze_meeting: SP-06

WG (prime / other): - / - *rapporteur:* GABE, Axel SIEMENS AG
G: yes *U:* yes *MCC:* ,

history (event, available, version,

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
freeze_meeting: SP-05

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
G: yes *U:* yes *MCC:* THOMASEN, Gert

history (event, available, version,

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
freeze_meeting: SP-12

WG (prime / other): N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
G: U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-04 27/05/1999 3 . 1 . 0

[get it](#) *remarks - general:* Scrapped: is GSM only
[get it](#) *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08
withdrawn; not required for 3G.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.068	Group Call Control (GCC) Protocol				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-06		G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> GSM only for R99.	
	NP-03	3 . 0 . 0		<i>remarks - this release:</i> GSM only for R99.	
	NP-04	3 . 1 . 0			
<hr/>					
TS 24.069	Broadcast Call Control (BCC) protocol				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-06		G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> GSM only for R99.	
	NP-03	3 . 0 . 0		<i>remarks - this release:</i> GSM only for R99.	
	NP-04	3 . 1 . 0			
<hr/>					
TS 24.094	Follow Me; Stage 3				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG
	<i>freeze_meeting:</i> SP-06		G: U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> TF139 proposes to abandon; not needed. USSD does all.	
				<i>remarks - this release:</i> 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	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		G: yes U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> No draft. Anyway, should have been 23.053.	
				<i>remarks - this release:</i> no draft ever materialised	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.103	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> ,		
	<i>history (event, available, version,</i>				
	First complete 04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	Withdrawn in favour of 25.123 & 25.133
	NP-03 23/04/1999	0 . 1 . 0	get it	<i>remarks - this release:</i>	Withdrawn
	NP-04 23/06/1999	1 . 0 . 0	get it		
	NP-05 13/10/1999	2 . 0 . 0	get it		
TR 25.923	Stage 2 Functional Specification of Location Services in UTRAN				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>				
	draft 30/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	superseded by 25.305
	draft 01/09/1999	1 . 2 . 0	get it	<i>remarks - this release:</i>	.
	draft 30/09/1999	1 . 4 . 0	get it		
TR 25.926	UE Radio Access capabilities definition				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LUNDSJÖ, Johan	Ericsson AB	
	<i>freeze_meeting:</i> SP-07	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>				
	RP-05 13/10/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	->25.306 Nov 00.
	R2-08 30/11/1999	0 . 1 . 0	get it	<i>remarks - this release:</i>	Nov00->25.306 but first ->TSG#10:3.3.0
	R2-09 17/12/1999	1 . 0 . 0	get it		
	RP-07 15/03/2000	3 . 0 . 0	get it		
	RP-08 23/06/2000	3 . 1 . 0	get it		
	RP-08 06/10/2000	3 . 2 . 0	get it		
	RP-10 15/12/2000	3 . 3 . 0	get it		
TR 25.990	Vocabulary for UTRAN				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> OKRAH, Peter	Motorola Inc.	
	<i>freeze_meeting:</i> SP-05	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</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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Server WITHDRAWN specs R99 25 .- series
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>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</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>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</i>								
	SP-03 26/04/1999	1	.	0	.	0		get it	<i>remarks - general:</i>
	SP-04 23/06/1999	1	.	1	.	0		get it	<i>remarks - this release:</i>
<hr/>									
TS 26.115	Echo control for speech and multi-media services								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</i>								
	Creation of WI by WG/TB 02/02/2000	0	.	0	.	1		get it	<i>remarks - general:</i>
									<i>remarks - this release:</i> Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.
<hr/>									
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 26 .- series
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	<i>G:</i> U: yes	<i>MCC:</i> ,		
	<i>history (event, available, version,</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	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.134	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	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.137 Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony
R99 *current version: none* WG (prime / other): S4 / rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 G: U: yes MCC: USAI, Paolino
history (event, available, version,
remarks - general: Stopped: Included in 26.131 & '132.
remarks - this release: .

TS 26.138 Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony
R99 *current version: none* WG (prime / other): S4 / rapporteur: USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 G: U: yes MCC: USAI, Paolino
history (event, available, version,
remarks - general: Stopped: Included in 26.131 & '132.
remarks - this release: .

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G
R99 *current version: none* WG (prime / other): S4 / - rapporteur: HONKO, Harri NOKIA Corporation
freeze_meeting: SP-06 G: U: yes MCC: USAI, Paolino
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 0 . 0 . 1 [get it](#) *remarks - this release: No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.*

R99 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3
R99 *current version: none* WG (prime / other): S4 / - rapporteur: SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-06 G: yes U: yes MCC: USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general: Transfer>TSG#4*
remarks - this release: withdrawn from R99.

R99 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

R99 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.008 Subscriber and Equipment trace

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* SJÖBLOM, Kai NOKIA Corporation
G: *U:* yes *MCC:* ,

remarks - general: Existence deduced from STF139 programme. But denied by Sjöblom.
remarks - this release: Not to be produced.

TS 32.106 Configuration Management

R99 *current version:* none
freeze_meeting: SP-07
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
G: *U:* yes *MCC:* ZOICAS, Adrian

SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 1 . 1 . 0
SP-07 2 . 0 . 0
SP-07 17/03/2000 3 . 0 . 0
Editorial 17/03/2000 3 . 0 . 1 withdrawn SP-08

[get it](#) *remarks - general:* TSG#8: split into eight parts
[get it](#) *remarks - this release:* SP-08: multipart split from parent 3.0.1
[get it](#)
[get it](#)

TS 32.111 3G Fault Management

R99 *current version:* none
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.
G: *U:* yes *MCC:* ZOICAS, Adrian

SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 1 . 1 . 0
SP-07 17/03/2000 3 . 0 . 0
Editorial 17/03/2000 3 . 0 . 1
SP-08: split into 23/06/2000 3 . 1 . 0
parts
Formatting 18/07/2000 3 . 2 . 0

[get it](#) *remarks - general:* TSG#8: split into 4 parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 2: Algorithm specification</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-10		G:	U: yes		MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>	SP-10	09/05/2001	3	.	0	.	0	SP-000673
				get it	<i>remarks - general:</i>	ex SAGE			
					<i>remarks - this release:</i>	TSG#10:SP-000673, not to be published till OKed by Partners. TSG#11:changed to Rel-4			
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 3: Implementors' test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-10		G:	U: yes		MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>	SP-10	09/05/2001	3	.	0	.	0	SP-000630
				get it	<i>remarks - general:</i>	ex SAGE			
					<i>remarks - this release:</i>	.TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4			
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 4: Design conformance test data</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-10		G:	U: yes		MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>	SP-10	09/05/2001	3	.	0	.	0	SP-000630
				get it	<i>remarks - general:</i>	ex SAGE			
					<i>remarks - this release:</i>	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4			
TS 35.209	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	<i>current version: Document 5: Summary and results of design and evaluation</i>	none	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-11		G:	U: yes		MCC:	POPE, Maurice	
	<i>history (event, available, version,</i>	SP-11		3	.	0	.	0	
					<i>remarks - general:</i>	ex SAGE			
					<i>remarks - this release:</i>	This turns out to be a report, so -> 35.909.			

G = required in systems with GERAN access; U = required in systems with UMTS

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	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	smg-03 18/11/1994	3 . 0 . 0		<i>remarks - general:</i>	
	smg-18 21/05/1996	3 . 1 . 0		<i>remarks - this release:</i> .	
	smg-19 04/09/1996	3 . 2 . 0			
<hr/>					
TR 00.02U	Coordination guideline for SMG on UMTS with respect to ITU and European research programmes				
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RAPELI, Juha	PHILIPS CONSUMER COMMUNICATION
	<i>freeze_meeting:</i>		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	smg-05 23/08/1993	3 . 0 . 0		<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	

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	Megisto Systems Inc.
	<i>freeze_meeting:</i>		<i>G:</i> yes U:	<i>MCC:</i>	
	<i>history (event, available, version,</i>				
	ETSI publication 15/05/1996	3 . 1 . 0 withdrawn		<i>remarks - general:</i> ETSI ETR 291 withdrawn.	
				<i>remarks - this release:</i> ETSI ETR 291, withdrawn.	

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Server WITHDRAWN specs UMTS 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)

UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,
freeze_meeting: G: yes U: MCC:
history (event, available, version,
smg-19 28/09/1996 3 . 0 . 0 *remarks - general:*
remarks - this release: .

TR 01.05U System design methodology for the UMTS

UMTS *current version:* none *WG (prime / other):* SMG / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: MCC:
history (event, available, version,
draft 05/03/1997 1 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01U Framework for services to be supported by UMTS

UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,
freeze_meeting: G: yes U: MCC:
history (event, available, version,
Suspended 10/04/1996 3 . 0 . 0 *remarks - general:*
animation *remarks - this release:* .

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,
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept
UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: U: *MCC:* Peter Skov
history (event, available, version, USAI, Paolino
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 mm02 plc
freeze_meeting: G: U: *MCC:* ,
history (event, available, version, 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, Vodafone D2 GmbH
freeze_meeting: G: U: *MCC:* , Steffen
history (event, available, version, First complete 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

UMTS 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.00U UMTS Phase 1
UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:* VERRIER, David France Telecom
freeze_meeting: G: U: *MCC:* ,
history (event, available, version, smg-27 1 . 0 . 0 *remarks - general:*
draft 24/11/1998 1 . 3 . 0 *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.01U	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>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-21 3 . 0 . 0			<i>remarks - this release:</i>	
	smg-22 3 . 1 . 0				
	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>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-25 3 . 0 . 0			<i>remarks - this release:</i>	
	smg-26 01/07/1998 3 . 1 . 0				
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:</i> yes <i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-25 3 . 0 . 0			<i>remarks - this release:</i>	
	smg-27 3 . 1 . 0				
	edito 29/10/1998 3 . 1 . 1				
TS 22.21U	Virtual Home Environment				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke		FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
TS 22.24U	Charging and Accounting Mechanism				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CHAMBERS, David		MOTOROLA Ltd
	<i>freeze_meeting:</i>	<i>G:</i> <i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	smg-25 28/05/1998 3 . 0 . 0			<i>remarks - this release:</i> #25: 3.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.25U Quality of Service (QoS) and network performance
UMTS *current version: none*
freeze_meeting:
history (event, available, version,
smg-25 28/05/1998 3 . 1 . 0

WG (prime / other): - / - *rapporteur:* TIAINEN, Seppo
G: *U:* *MCC:* ,

SONERA Corporation

remarks - general:
remarks - this release: #25: 3.1.0

TS 22.29U Handover Requirements between UMTS and GSM or other RadioSystems
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): - / - *rapporteur:* COOPER, David
G: *U:* *MCC:* ,

Telecom Modus Limited

remarks - general:
remarks - this release: .

TS 22.30U Service requirements on security
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:* ,

remarks - general:
remarks - this release: .

TS 22.35U Service requirements on numbering, addressing and identities
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:* ,

remarks - general:
remarks - this release: .

TS 22.40U Charging, billing and accounting principles
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:* ,

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 22.50U	Subscriber and service profile requirements					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 22.55U	UMTS user identity modules					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services					
UMTS	<i>current version: none</i>	<i>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>	,	
	<i>history (event, available, version,</i>					
	<i>smg-25 28/05/1998 3 . 0 . 0</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#25: 3.0.0	
<hr/>						
TS 22.70U	Virtual Home Environment					
UMTS	<i>current version: none</i>	<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>	,	
	<i>history (event, available, version,</i>					
	<i>smg-25 28/05/2001 3 . 0 . 0</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#25: 3.0.0	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	smg-25	3	. 0	. 0	<i>remarks - general:</i>
	smg-27 17/10/1998	3	. 0	. 1	<i>remarks - this release:</i> #25: 3.0.0 #27: 3.0.1
<hr/>					
TS 22.72U	Real Time Multimedia in UMTS				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	FISCHER, Ralf
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 22.75U	Service aspects; Advanced addressing				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	KLEIER, Stephan
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	smg-25	2	. 0	. 0	<i>remarks - general:</i>
	smg-27 17/10/1998	3	. 0	. 0	<i>remarks - this release:</i> #25: 2.0.0 #27: 3.0.0
<hr/>					
TR 22.80U	UMTS Relationship to other Standards				
UMTS	<i>current version:</i> none	WG (prime / other):	- / -	<i>rapporteur:</i>	AXERUD, Bo
	<i>freeze_meeting:</i>	G:	U:	<i>MCC:</i>	,
	<i>history (event, available, version,</i>				
	First complete 19/10/1997	1	. 0	. 2	<i>remarks - general:</i>
	WG approval 07/11/1997	2	. 0	. 0	<i>remarks - this release:</i> #24: 2.0.1
	Under TB change 20/03/1998	2	. 0	. 1	
	control.				
	Milestone 1 19/12/1997	2	. 0	. 1	

UMTS **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.01U	UMTS Network principles				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
	smg-27 24/02/1999 3 . 0 . 0				
		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson	
		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,		
					<i>remarks - general:</i>
					<i>remarks - this release:</i> #27: for info
<hr/>					
TS 23.05U	UMTS Network principles				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>		
		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,		
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 23.10U	UMTS Access Stratum; Services and Functions				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
	smg-27 24/02/1999 3 . 0 . 0				
		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND	
		<i>G:</i> <i>U:</i>	<i>MCC:</i> ,		
					<i>remarks - general:</i>
					<i>remarks - this release:</i> #27: for info
<hr/>					
TS 23.20U	Evolution of the GSM platform towards UMTS				
UMTS	<i>current version:</i> none				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
	smg-27 1 . 0 . 0				
		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited	
		<i>G:</i> <i>U:</i>	<i>MCC:</i> SULTAN, Alain		
					<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>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i> /	<i>rapporteur:</i> ,		
		<i>G:</i> <i>U:</i>	<i>MCC:</i>		
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 23.60U UMTS Network Aspects; UMTS data organization
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 23.70U UMTS Network Aspects; UMTS operations and procedures
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 23.90U UMTS Network Aspects; Network performance requirements
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.95U UMTS Network Aspects; Network functions relevant to satellites
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

UMTS 24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.05U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

UMTS 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U UMTS Radio Aspects; Multiplexing and multiple access
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 25.10U UMTS Radio Aspects; Channel coding
UMTS *current version: none* WG (prime / other): / rapporteur: ,
freeze_meeting: G: U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.15U UMTS Radio Aspects; Modulation
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

TS 25.20U UMTS Radio Aspects; Transmission and reception
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: yes MCC:

remarks - general:
remarks - this release: .

UMTS **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

UMTS **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.00U Principles for handling of data services in the UMTS
UMTS *current version: none*
freeze_meeting:
history (event, available, version,
First complete 01/05/1996 1 . 2 . 1

WG (prime / other): S5 / - rapporteur: GABE, Axel SIEMENS AG
G: U: MCC: ZOICAS, Adrian

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

UMTS 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.00U SMG - UMTS Work programme

UMTS *current version:* none

freeze_meeting:

history (event, available, version,

smg-21	3 . 0 . 0
smg-22	3 . 1 . 0
smg-23	3 . 2 . 0
smg-24	3 . 3 . 0
smg-25	3 . 4 . 0
smg-26 07/07/1998	3 . 5 . 0
smg-27	3 . 6 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.

G: U: *MCC:* ,

remarks - general:

remarks - this release: #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version:* none

freeze_meeting:

history (event, available, version,

smg-22	3 . 0 . 0
smg-23	3 . 1 . 0
smg-24	3 . 2 . 0
smg-25 07/07/1998	3 . 3 . 0
smg-26	3 . 4 . 0
post smg-27 08/08/2002	3 . 5 . 1

WG (prime / other): - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.

G: U: *MCC:* ,

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

freeze_meeting:

history (event, available, version,

WG (prime / other): - / - *rapporteur:*

G: U: *MCC:* ,

remarks - general:

remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.03U	Selection procedures for the choice of radio transmission technologies of the UMTS				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> BLANC, Patrick	ALCATEL CIT	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	TC change control 13/06/1997 3 . 0 . 0				<i>remarks - general:</i>
	smg-23 17/10/1997 3 . 1 . 0				<i>remarks - this release:</i> #23: 3.1.0 #25: 3.2.0
	smg-25 20/03/1998 3 . 2 . 0				
<hr/>					
TR 30.04U	Definition of the limited number of UTRA concepts				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> Peter Skov USAI, Paolino		
	<i>history (event, available, version,</i>				
	First complete 01/06/1997 1 . 0 . 0				<i>remarks - general:</i>
	smg-22 14/06/1997 3 . 0 . 0				<i>remarks - this release:</i> #22: 3.0.0
	ETSI publication 03/11/1998 3 . 0 . 1				
<hr/>					
TR 30.05U	UMTS terminology				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>		
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TR 30.06U	UTRA Concept Evaluation Reports				
UMTS	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i>	<i>G:</i> U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	First complete 01/12/1997 1 . 0 . 0				<i>remarks - general:</i>
	smg-24 15/12/1997 3 . 0 . 0				<i>remarks - this release:</i> #24: 3.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:* RAPELI, Juha
G: *U:* *MCC:* ,

PHILIPS CONSUMER COMMUNICATION

history (event, available, version,
Creation of WI by 13/06/1997 2 . 0 . 0
WG/TB
TB approval 30/08/1997 3 . 0 . 0
smg-24 19/12/1997 3 . 1 . 0

remarks - general:
remarks - this release: #24: 3.1.0

UMTS **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.01U Overall principles of the OAM for the UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): SMG / - *rapporteur:* SZELAZEK, Bill
G: *U:* yes *MCC:* SULTAN, Alain

Hutchison 3G UK Limited

history (event, available, version,
smg-22 1 . 0 . 0

remarks - general:
remarks - this release: No progress since SMG#22.

UMTS **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.20U Security principles for the UMTS

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* ,

history (event, available, version,
smg-19 13/06/1997 3 . 0 . 0

remarks - general:
remarks - this release: #19: 3.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.21U Security requirements

UMTS *current version:* none
freeze_meeting:

WG (prime / other): - / - *rapporteur:*
G: U: *MCC:* ,

history (event, available, version,
draft 16/07/1998 0 . 1 . 0
draft 22/07/1998 0 . 1 . 1
draft 31/07/1998 0 . 1 . 2
smg-27 31/07/1998 1 . 0 . 0
draft 05/10/1998 1 . 0 . 1
draft 19/10/1998 1 . 0 . 2
draft 31/10/1998 1 . 0 . 3
draft 20/11/1998 1 . 0 . 4
draft 27/02/1999 1 . 1 . 0
smg-28 27/02/1999 2 . 0 . 0
smg-28 3 . 0 . 0
smg-27 21/02/1999 3 . 0 . 0

remarks - general:
remarks - this release: #27: for info

R98

R98

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version:* none
freeze_meeting: smg-29

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
G: yes *U:* *MCC:* POPE, Maurice

history (event, available, version,
smg-27 16/10/1998 0 . 1 . 0
smg-28 12/02/1999 7 . 0 . 0
smg-29 25/06/1999 7 . 1 . 0
smg-30 11/11/1999 7 . 2 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

SP-15: withdrawn since SMG and
PT-SMG no longer exist.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes *U:* *MCC:* CLAYTON, Michael

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,
TP-09 withdrawn 04/10/2000 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes *U:* *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
G: yes *U:* *MCC:*

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R98 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.53	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3								
R98	<i>current version:</i> none								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	draft 14/03/1997	0	.	0	.	0		get it	<i>remarks - general:</i> replaced by 08.62
	draft 16/02/1998	1	.	0	.	0		get it	<i>remarks - this release:</i> #25: 1.0.0 for info #27: 1.6.0 for info
	draft 27/03/1998	1	.	1	.	0		get it	
	draft 13/07/1998	1	.	2	.	1		get it	
	draft 31/07/1998	1	.	3	.	0		get it	
	draft 17/09/1998	1	.	3	.	5		get it	
	draft 18/09/1998	1	.	4	.	0		get it	
	draft 28/09/1998	1	.	5	.	0		get it	
	draft 05/10/1998	1	.	6	.	0		get it	

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57	Project scheduling and open issues: Mobile Station Execution Environment (MExE)								
R98	<i>current version:</i> none								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7	.	0	.	0	withdrawn SP-09	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references
									<i>remarks - this release:</i> TSG#9:withdrawn cos contains misleading information/references

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.78 Project scheduling and open issues: CAMEL

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,
draft 08/02/1997 0 . 0 . 0
draft 24/03/1997 0 . 1 . 0
draft 27/03/1997 0 . 1 . 1
draft 09/04/1997 0 . 1 . 2
draft 07/05/1997 0 . 2 . 0
smg-22 10/06/1997 1 . 0 . 0
draft 19/06/1997 1 . 1 . 0
draft 09/07/1997 1 . 2 . 0
draft 10/09/1997 1 . 3 . 0
smg-23 10/10/1997 1 . 3 . 2
draft 22/10/1997 1 . 4 . 0
draft 02/12/1997 1 . 5 . 0
draft 04/06/1998 1 . 6 . 0
smg-25 10/03/1998 1 . 6 . 0 abandoned

WG (prime / other): S2 / - *rapporteur:* APRATH, Stefan
G: yes U: *MCC:* SULTAN, Alain

Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* July 2002: abandoned
[get it](#)
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TR 10.87 User to User Signalling (UUS)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): S2 / GP *rapporteur:* CONRAD, Alan
G: yes U: *MCC:* SULTAN, Alain

T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: No draft ever produced.

TR 10.94 Follow Me supplementary service

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): SP / - *rapporteur:* POSTMANN, Erwin
G: yes U: *MCC:* POPE, Maurice

SIEMENS AG

remarks - general:
remarks - this release: No draft ever produced.

R98

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification				
R98	current version: none freeze_meeting: smg-29	WG (prime / other): G5 / S1 / NP / T2 / SCP / G4	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED	
	history (event, available, version,	G: yes U:	MCC: SALMERON, Lidia		
			remarks - general: 2001-11-19: G4->G5. remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-3	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	
	history (event, available, version,	G: yes U:	MCC: SALMERON, Lidia		
			remarks - general: 2001-11-19: G4->G5. remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification				
R98	current version: none freeze_meeting: smg-29	WG (prime / other): G5 / G4, T3	rapporteur: SALMERON, Lidia	TELEPLUS LIMITED	
	history (event, available, version,	G: yes U:	MCC: SALMERON, Lidia		
	from G5, and to approve a new R99 version not derived from R96		remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version). over this spec 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

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Server WITHDRAWN specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG				
R97	<i>current version: none</i> <i>freeze_meeting: smg-26</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> SP / - <i>G: yes U:</i>	<i>rapporteur:</i> BERGMANN, Ansgar <i>MCC:</i> POPE, Maurice	Deutsche Telekom AG	
			<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release.		
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0				
R97	<i>current version: none</i> <i>freeze_meeting: smg-26</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / - <i>G: yes U:</i>	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One	
			<i>remarks - general:</i> <i>remarks - this release:</i> 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	<i>current version: none</i> <i>freeze_meeting: smg-26</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / <i>G: yes U:</i>	<i>rapporteur:</i> WRIGHT, Tim <i>MCC:</i> POPE, Maurice	Indicate persons who left Company and wait for new One	
			<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release		
TS 02.33	Lawful Interception (LI); Stage 1				
R97	<i>current version: none</i> <i>freeze_meeting: smg-26</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / <i>G: yes U:</i>	<i>rapporteur:</i> MCKIBBEN, Bernie <i>MCC:</i> POPE, Maurice	MOTOROLA GmbH	
			<i>remarks - general:</i> <i>remarks - this release:</i> (No spec this Release)		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R97
current version: none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S1 / SCP rapporteur: CARPENTER, Paul
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97
current version: none
freeze_meeting: smg-26

WG (prime / other): N4 / SPA rapporteur: KYMALAINEN, Kimmo SONERA Corporation
N/
T2

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) remarks - general:
remarks - this release: #27: 6.0.0 (To be withdrawn)

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R97
current version: none
freeze_meeting: smg-26

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) remarks - general: TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97
current version: none
freeze_meeting: smg-26

WG (prime / other): - / - rapporteur: NAPER, Hans Petter MOTOROLA GmbH
G: yes U: MCC: ,

history (event, available, version,
draft 20/03/1998 0 . 7 . 1

[get it](#) remarks - general: Withdrawn since details included in the stage 3 spec.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 03 .- series
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:* ,
history (event, available, version,
remarks - general:
remarks - this release: .

R97 **04** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.61 **General Packet Radio Service (GPRS); Point-to-multipoint multicast; Stage 3**
R97 *current version: none* *WG (prime / other):* / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:*
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.62 **General Packet Radio Service (GPRS); Point-to-multipoint group call; Stage 3**
R97 *current version: none* *WG (prime / other):* / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:*
history (event, available, version,
Table of Contents 14/11/1996 0 . 2 . 0 [get it](#) *remarks - general:*
and Scope *remarks - this release:* .

R97 **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.21 **DCS 1800; 4 Watt Mobile Power Class- study**
R97 *current version: none* *WG (prime / other):* / *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: smg-26 *G: yes U:* *MCC:*
history (event, available, version,
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.64 **GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3**
R97 *current version:* none *WG (prime / other):* / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:*
history (event, available, version,
First complete 15/07/1996 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.90 **Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)**
R97 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 #32: withdrawn

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.01 **GSM features and releases**
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* ,
freeze_meeting: smg-26 *G: yes U:* *MCC:* ,
history (event, available, version,
draft 23/10/1997 0 . 0 . 2 [get it](#) *remarks - general:* 2001-11-20: stopped - obviously no interest!
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R97 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS

R97
current version: none
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* HEATON, Graham Aether Systems Inc.
G: yes U: *MCC:* ,

[get it](#) *remarks - general:* Scrapped.
remarks - this release: #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

TR 10.20 Lawful Interception requirements for GSM

R97
current version: none
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.
remarks - this release: SMG#27:6.0.0; replaced by 01.33

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R97
current version: none
freeze_meeting: smg-26
history (event, available, version,
smg-25 6 . 0 . 0

WG (prime / other): S2 / - *rapporteur:*
G: yes U: *MCC:* SULTAN, Alain

remarks - general:
remarks - this release:

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R97
current version: none
freeze_meeting: smg-26

WG (prime / other): G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP
/ G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version,

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

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Server WITHDRAWN specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)				
R97	current version: none freeze_meeting: smg-26	WG (prime / other): G5 / S1 / NP / T2 / SCP / G4	rporteur: SALMERON, Lidia	TELEPLUS LIMITED	
	history (event, available, version,	G: yes U:	MCC: SALMERON, Lidia		
			remarks - general: 2001-11-19: G4->G5.		
			remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).		
<hr/>					
TS 11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification				
R97	current version: none freeze_meeting: smg-26	WG (prime / other): G5 / G4, T3	rporteur: SALMERON, Lidia	TELEPLUS LIMITED	
	history (event, available, version,	G: yes U:	MCC: SALMERON, Lidia		
	from G5, and to approve a new R99 version not derived from R96		remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take		
			remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version). over this spec		
			by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.		
<hr/>					
TS 11.56	CTS phase 1, CTS Fixed Part Tests				
R97	current version: none freeze_meeting: smg-26	WG (prime / other): - / -	rporteur: MATTISSON, Leif	Telefon AB LM Ericsson	
	history (event, available, version,	G: yes U:	MCC: ,		
			remarks - general:		
			remarks - this release: .		

R97

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

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						Server		WITHDRAWN specs R96 01 .- series http://www.3gpp.org/ftp/Specs/archive/01_series	
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0								
R96	<i>current version:</i> none <i>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,</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						
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,</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> .						
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,</i> smg-23	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
			<i>remarks - general:</i> <i>remarks - this release:</i> .						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements								
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>history (event, available, version,</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						
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,</i> smg-23	G: yes U:	<i>MCC:</i>						
			<i>remarks - general:</i> <i>remarks - this release:</i> .						

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

R96 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.18 R96	Interworking with non-GSM applications on the SIM to be accessed via the GSM network <i>current version: none</i> <i>freeze_meeting: smg-22</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> / <i>G: yes U:</i>	<i>rapporteur:</i> SCHMIDT, Günter <i>MCC:</i>	DETEMOBIL GMBH
				<i>remarks - general:</i> <i>remarks - this release: .</i>
TS 02.25 R96	GSM - DCS roaming: Requirements and Stage 1 descriptions <i>current version: none</i> <i>freeze_meeting: smg-22</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> / <i>G: yes U:</i>	<i>rapporteur:</i> LE ROUX, Alain <i>MCC:</i>	France Telecom
				<i>remarks - general:</i> <i>remarks - this release: .</i>
TS 02.26 R96	Operation of multi-band GSM/DCS 1800 network by a single operator <i>current version: none</i> <i>freeze_meeting: smg-22</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> / <i>G: yes U:</i>	<i>rapporteur:</i> LJUNGGREN, Tommy <i>MCC:</i>	Northstream AB
				<i>remarks - general:</i> <i>remarks - this release: .</i>
TS 02.27 R96	DECT access to GSM networks <i>current version: none</i> <i>freeze_meeting: smg-22</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> / <i>G: yes U:</i>	<i>rapporteur:</i> CONRAD, Alan <i>MCC:</i>	T-MOBILE DEUTSCHLAND
				<i>remarks - general:</i> <i>remarks - this release: .</i>
TS 02.28 R96	UPT phase 1 <i>current version: none</i> <i>freeze_meeting: smg-22</i> <i>history (event, available, version,</i>	<i>WG (prime / other):</i> / <i>G: yes U:</i>	<i>rapporteur:</i> KOSYDAR, L <i>MCC:</i>	Indicate persons who left Company and wait for new One
				<i>remarks - general:</i> <i>remarks - this release: .</i>

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.72	Call Deflection Service description, Stage 1				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting: smg-22</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release: #19: 5.0.0 #25: withdrawn</i>		
<hr/>					
TS 02.73	Malicious Call Identification (MCID) - stage 1				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting: smg-22</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</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: none</i>	<i>WG (prime / other):</i> /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting: smg-22</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</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: none</i>	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting: smg-22</i>	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release: #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn</i>		
	smg-21 14/02/1997 5 . 2 . 0	get it			
	edito 19/01/1996 5 . 2 . 1	get it			
	smg-23 17/10/1997 5 . 3 . 0	get it			
<hr/>					
TS 02.92	Call Forward Enhancements (CFE) - Stage 1 description				
R96	<i>current version: none</i>	<i>WG (prime / other):</i> /	<i>rapporteur:</i> RENAUD, Nicolas	GEMPLUS Card International	
	<i>freeze_meeting: smg-22</i>	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release: .</i>		

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-16	5 . 0 . 0			<i>remarks - general:</i>
	smg-19	5 . 1 . 0			<i>remarks - this release:</i> #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn
	smg-20	5 . 2 . 0			
	smg-22	5 . 3 . 0			
	smg-23	5 . 4 . 0			
	smg-24	5 . 5 . 0			

TS 02.96	Name Identification Supplementary Services; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-24	5 . 0 . 0			<i>remarks - general:</i>
					<i>remarks - this release:</i> #24: 5.0.0 #25: withdrawn

TS 02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996	5 . 0 . 0	get it		<i>remarks - general:</i>
	smg-22 13/06/1997	5 . 1 . 0	get it		<i>remarks - this release:</i> #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn
	ETSI publication 15/09/1997	5 . 1 . 1	get it		
	smg-23 17/10/1997	5 . 2 . 0	get it		

TS 02.98	New barring services; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> SCHMIDT, Günter	DETEMOBIL GMBH	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.99 Direct Subscriber Access and Restriction (DSAR); Stage1

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: CHAPMAN, Neil
G: yes U: MCC: ORANGE PCS LTD

remarks - general:
remarks - this release: .

R96 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R96 *current version: none*
freeze_meeting: smg-22

WG (prime / other): N4 / SPA rapporteur: KYMALAINEN, Kimmo SONERA Corporation
G: yes U: N / T2 MCC: KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0 (To be withdrawn)

TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2

R96 *current version: none*
freeze_meeting: smg-22

WG (prime / other): / rapporteur: APRATH, Stefan Vodafone D2 GmbH
G: yes U: MCC:

history (event, available, version,
Table of Contents 01/09/1996 0 . 4 . 0
and Scope

[get it](#) *remarks - general:*
remarks - this release: .

TS 03.36 Premium rate services- stage 2

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: TÖPFER, Armin Vodafone D2 GmbH
G: yes U: MCC:

remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references		
<hr/>					
TS 03.60	General Packet Radio Service (GPRS) Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DELECKI, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>				
	smg-23 5 . 0 . 0		<i>remarks - general:</i>		
	smg-24 5 . 1 . 0		<i>remarks - this release:</i> .		
	smg-25 5 . 2 . 0				
	5 . 3 . 0 withdrawn, SMG-25				
<hr/>					
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 5 . 1 . 0		<i>remarks - general:</i>		
	smg-24 5 . 2 . 0		<i>remarks - this release:</i> .		
	withdrawn SMG-25				
<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	SIEMENS AG	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i>		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> Scrapped Jan 98.		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.98 New barring services; Stage 2 description
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
G: yes U: MCC: ,

remarks - general:
remarks - this release: .

TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
G: yes U: MCC: ,

remarks - general:
remarks - this release: .

R96 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.36 Premium rate services- stage 3
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: TÖPFER, Armin Vodafone D2 GmbH
G: yes U: MCC:

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,

WG (prime / other): N1 / - rapporteur: SALKINTZIS, Apostolis MOTOROLA GmbH
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #25: withdrawn*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R96 *current version: none* WG (prime / other): N1 / - rapporteur: SALKINTZIS, Apostolis MOTOROLA GmbH
freeze_meeting: smg-22 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25:withdrawn

TS 04.70 Payphone services- stage 3
R96 *current version: none* WG (prime / other): / rapporteur: CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.73 Malicious Call Identification (MCID); Stage 3
R96 *current version: none* WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.78 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3
R96 *current version: none* WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.79 Support of optimal routing; Stage 3
R96 *current version: none* WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,
remarks - general:
remarks - this release: .

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.98 New barring services; Stage 3
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
G: yes U: MCC:

remarks - general:
remarks - this release: .

TS 04.99 Direct subscriber access and restriction; Stage 3
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: VAN DER AREND, Koninklijke KPN N.V.
G: yes U: MCC:

remarks - general:
remarks - this release: .

R96 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.00 Service to GSM handportables in trains
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VOSKAR, Paul NOKIA UK Ltd
G: yes U: MCC: ,

remarks - general:
remarks - this release: .

TS 05.18 Hands free mobile station
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: ANDERSEN, Niels MOTOROLA A/S
G: yes U: MCC: Peter Skov

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.19 Service to GSM handportables in trains
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): / rapporteur: WILTSHIRE, Timothy Robin
G: yes U: MCC: Indicate persons who left Company and wait for new One

remarks - general:
remarks - this release: .

TR 05.20 Fast moving Mobile Station (study)
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): / rapporteur: REINER, Michaël
G: yes U: MCC: AEG Mobile Communications GmbH (AMC)

remarks - general:
remarks - this release: .

TS 05.30 General packet radio service requirements
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): / rapporteur: CONRAD, Alan
G: yes U: MCC: T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: .

R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3
R96 *current version: none*
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): / rapporteur: CANDISH, John
G: yes U: MCC: Xtempus Ltd

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.14 **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1**
R96 *current version: none* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels* MOTOROLA A/S
freeze_meeting: smg-22 Peter Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-24 5 . 0 . 0 smg-26: withdrawn *remarks - general:*
remarks - this release: .

TS 08.16 **General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service**
R96 *current version: none* *WG (prime / other): G2 / -* *rapporteur: ANDERSEN, Niels* MOTOROLA A/S
freeze_meeting: smg-22 Peter Skov
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn [get it](#) *remarks - general:*
remarks - this release: .

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.12 **Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling**
R96 *current version: none* *WG (prime / other): SPA / N4* *rapporteur: HÄNDIG, Peter* Telia Mobile AB
freeze_meeting: smg-22 MCC:
history (event, available, version,
draft (ETSI TC 10/11/1997 5 . 2 . 1 [get it](#) *remarks - general:* EN 300 646
SPS) *remarks - this release: .*
draft (ETSI TC 18/05/1999 5 . 3 . 0 [get it](#)
SPS) [get it](#)
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.20 Support of Shared Data Interworking Function

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / *rapporteur:*
G: yes U: *MCC:*

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,
smg-24 19/12/1997 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo SONERA Corporation
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #24: 5.0.0 #25: withdrawn

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 20/01/1997 5 . 0 . 1

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.
[get it](#) *remarks - this release:* SMG#20:5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	SULTAN, Alain		
	<i>history (event, available, version,</i>					
	smg-21 14/02/1997 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 5 . 1 . 0	get it	<i>remarks - this release:</i> #25: (5.x.y withdrawn)			
	smg-24 08/10/1997 5 . 2 . 0	get it				
	draft 28/10/1997 5 . 2 . 1	get it				
	draft 10/12/1998 5 . 3 . 0	get it				
	smg-24 20/12/1997 5 . 3 . 1	get it				
	draft 05/02/1998 5 . 3 . 2	get it				
	draft 12/02/1998 5 . 3 . 3	get it				
	draft 15/02/1998 5 . 3 . 4	get it				
	draft 15/03/1998 5 . 3 . 5	get it				
	draft 05/03/1998 5 . 4 . 0	get it				
	smg-25 15/03/1998 5 . 4 . 1	get it				
	draft 06/04/1998 5 . 4 . 2	get it				
<hr/>						
TR 10.66	Support of Mobile Number Portability (MNP); Project plan					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TARAZI, Roger	EDP Telecom		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-21 5 . 0 . 0		<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
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	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.		
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	SULTAN, Alain		
	<i>history (event, available, version,</i>					
	smg-21 5 . 0 . 0 abandoned		<i>remarks - general:</i>			
			<i>remarks - this release:</i> May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.			

R96

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R96 *current version: none* *freeze_meeting: smg-22* WG (prime / other): G5 / S1 / NP / T2 / SCP / G4 *rapporteur: SALMERON, Lidia* TELEPLUS LIMITED
G: yes U: MCC: SALMERON, Lidia
history (event, available, version,
remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.12 Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface
R96 *current version: none* *freeze_meeting: smg-22* WG (prime / other): T3 / - *rapporteur: LINDHOLM, Rune* NOKIA MOBILE PHONES
history (event, available, version, G: yes U: MCC: DIETZE, Claus
25/01/1996 5 . 0 . 0 SMG-16: withdrawn [get it](#) *remarks - general:*
remarks - this release: #16: 5.0.0 withdrawn

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R96 *current version: none* *freeze_meeting: smg-22* WG (prime / other): S5 / S1 / NP *rapporteur: TRUSS, Michael* MOTOROLA Ltd
G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements
R96 *current version: none* *freeze_meeting: smg-22* WG (prime / other): S5 / S1 / NP *rapporteur: TOCHE, Christian* NORTEL NETWORKS (EUROPE)
G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: No spec

G = required in systems with GERAN access; U = required in systems with UMTS

Ph2

Ph2 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.05 Definitions

Ph2 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): SP / - *rapporteur:* VACANT,
G: yes U: *MCC:* POPE, Maurice

remarks - general:
remarks - this release: n.a.

TS 01.06 Service implementation phases and possible further phases in the GSM PLMN

Ph2 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / - *rapporteur:* TWINGLER, Jonas Northstream AB
G: yes U: *MCC:*

remarks - general:
remarks - this release: .

TS 01.07 Updating procedure for GSM Recommendations

Ph2 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / - *rapporteur:* TWINGLER, Jonas Northstream AB
G: yes U: *MCC:*

remarks - general:
remarks - this release: .

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server WITHDRAWN specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.08 Quality of Service (QoS) / GSM system performance

Ph2
current version: none
freeze_meeting:
history (event, available, version,
draft 21/08/1995 0 . 1 . 0
draft 01/06/1994 4 . 0 . 0

WG (prime / other): - / - rapporteur: TWINGLER, Jonas Northstream AB
G: yes U: MCC: ,

[get it](#) remarks - general:
[get it](#) remarks - this release: #16: withdrawn

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

Ph2
current version: none
freeze_meeting:
history (event, available, version,
smg-16 20/10/1995 4 . 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: #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

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
freeze_meeting:
history (event, available, version,
ETSI publication 13/09/1994 4 . 1 . 2
ETSI OAP 06/03/1995 4 . 2 . 0
ETSI publication 01/08/1995 4 . 2 . 1

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited
G: yes U: MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.1.0 #13: 4.2.0 #15: withdrawn
[get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.59 BSC-BTS O&M Signalling Transport

Ph2 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G3 / - *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

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*
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* TWINGLER, Jonas Northstream AB
G: yes U: *MCC:*

remarks - general:
remarks - this release: .

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*
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:*

remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G3 / - *rapporteur:* VACANT,
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release: (no such spec)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 current version: none

freeze_meeting:

history (event, available, version, draft 0 . 0 . 0

WG (prime / other): - / - rapporteur:

G: yes U: MCC: ,

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

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:

history (event, available, version,

WG (prime / other): / rapporteur: ,

G: yes U: MCC:

remarks - general:
remarks - this release: .

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.05 Simultaneous and Alternate Use of Services

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,
smg-01 06/05/1992 3 . 0 . 2

WG (prime / other): - / *rapporteur:* ,
G: yes U: *MCC:* ,
[get it](#) *remarks - general:* MoU
remarks - this release: .

TS 02.08 Quality of Service (QoS) / GSM system performance

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,
25/08/1995 0 . 2 . 0
06/10/1995 0 . 2 . 1
10/05/1994 3 . 0 . 0
10/05/1994 3 . 0 . 1

WG (prime / other): - / - *rapporteur:* TWINGLER, Jonas Northstream AB
G: yes U: *MCC:* ,
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 02.10 Provision of Telecommunication Services

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / - *rapporteur:* ,
G: yes U: *MCC:* ,
remarks - general:
remarks - this release: .

TS 02.12 Licensing

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / - *rapporteur:* ,
G: yes U: *MCC:* ,
remarks - general:
remarks - this release: .

TS 02.13 Subscription to the Services of a GSM PLMN

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / - *rapporteur:* ,
G: yes U: *MCC:* ,
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.14	Service Directory				
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i>	G: yes	U:	MCC:	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.
<hr/>					
TS 02.15	Circulation of mobile stations				
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i>	G: yes	U:	MCC:	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.
<hr/>					
TS 02.21	Transferred account procedure and billing information				
Ph1	<i>current version:</i> none	<i>WG (prime / other):</i>	S2 /	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i>	G: yes	U:	MCC:	SULTAN, Alain
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
	Jan 1990 10/05/1994 3 . 3 . 0	get it		<i>remarks - this release:</i>	.
	? 10/05/1994 3 . 4 . 0	get it			

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	<i>current version:</i> none	<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
	<i>freeze_meeting:</i>	G: yes	U:	MCC:	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	
				<i>remarks - this release:</i>	.

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Server WITHDRAWN specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: MCC: USAI, Paolino

smg-01		3	.	6	.	0
smg-02		3	.	7	.	0
smg-03		3	.	8	.	0
smg-04		3	.	9	.	0
smg-05		3	.	10	.	0
smg-06		3	.	11	.	0
smg-07		3	.	12	.	0
smg-08	01/01/1995	3	.	13	.	0
smg-09		3	.	14	.	0
smg-10		3	.	15	.	0
smg-11		3	.	16	.	0
smg-12		3	.	17	.	0
smg-14		3	.	18	.	0
smg-17	01/01/1995	3	.	19	.	0

remarks - general:
remarks - this release:

[get it](#)

[get it](#)

Ph1 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph1 *current version:* none
freeze_meeting:
history (event, available, version,
draft 0 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: yes U: MCC: ,

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

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:

history (event, available, version,

WG (prime / other): S2 / - rapporteur: ,
G: U: yes MCC: SULTAN, Alain

remarks - general: Withdrawn: see conclusions (clause 7,3) of 22.934.

remarks - this release:

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.04U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems

current version: none

freeze_meeting:

history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:

remarks - this release: