
3GPP TSG-CN
3GPP TSG-RAN
3GPP TSG-T

Tdoc NP-020470
Tdoc RP-020527
Tdoc TP-020233

Source: **MCC**
<mailto:john.meredith@etsi.fr>

Title: **Specs status list prior to TSGs#17**

Document for: **information**

The following table shows the status list immediately prior to TSGs#17. It differs from that corresponding to the end of SA#15 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#10 but not those resulting from GERAN#11.

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Active or Withdrawn / Stopped (Active specs first)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Withdrawn / Stopped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: .

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:* 6.0.0
freeze_meeting: tbd
history (event, available, version,
SP-16 04/07/2002 6 . 0 . 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
remarks - this release: .

TS 22.101 Service aspects; Service principles

Rel-6 *current version:* 6.0.0
freeze_meeting: tbd
history (event, available, version,
SP-16 04/07/2002 6 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: SP-020234 slide 11 justifies existence.

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

TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-6	current version: 6.0.0		WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg	SIEMENS AG				
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael					
history (event, available, version,	SP-16 04/07/2002	6 . 0 . 0							
			get it	remarks - general:					
				remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
TS 22.140	Multimedia Messaging Service (MMS); Stage 1								
Rel-6	current version: 6.0.0		WG (prime / other): S1 / -	rapporteur: LAUMEN, Josef	SIEMENS AG				
	freeze_meeting: SP-20		G: U: yes	MCC: CLAYTON, Michael					
history (event, available, version,	SP-16 04/07/2002	6 . 0 . 0							
			get it	remarks - general:	(development in T2)				
				remarks - this release:	.				
TS 22.141	Presence service; Stage 1								
Rel-6	current version: 6.0.0		WG (prime / other): S1 / -	rapporteur: WOHLERT, Randolph	SBC Communications Inc.				
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael					
history (event, available, version,	SP-16 19/07/2002	6 . 0 . 0							
			get it	remarks - general:					
				remarks - this release:	SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".				
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1								
Rel-6	current version: 6.0.0		WG (prime / other): S1 /	rapporteur: JARVIS, Andre	Hutchison 3G UK Limited				
	freeze_meeting: tbd		G: U: yes	MCC: CLAYTON, Michael					
history (event, available, version,	SP-16 04/07/2002	6 . 0 . 0							
			get it	remarks - general:	Replaces 22.946. Note that stage 2 is 23.246.				
				remarks - this release:	.				
TS 22.174	Push service; Stage 1								
Rel-6	current version: 1.0.1	DRAFT	WG (prime / other): S1 /	rapporteur: WOLAK, Stephen	VODAFONE Group Plc				
	freeze_meeting: SP-18		G: U: yes	MCC: CLAYTON, Michael					
history (event, available, version,	draft 27/03/2002	0 . 6 . 0							
	draft	0 . 8 . 1							
	SP-16	1 . 0 . 0							
	post SP-16 clean up	1 . 0 . 1							
			get it	remarks - general:					
				remarks - this release:	SP-15: Timed out of Rel-5.				
			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

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> tbd			<i>G:</i> U: 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> .
<hr/>									
TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-6	<i>current version:</i> 6.0.0			<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 U: 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>
									<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.
<hr/>									
TS 22.240	3GPP Generic User Profile (GUP) requirements; Stage 1								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> AMERY, Paul	ORANGE PCS LTD			
	<i>freeze_meeting:</i> SP-17			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i> Cf work item 'Generic user profile'
									<i>remarks - this release:</i> .
<hr/>									
TS 22.242	Digital Rights Management (DRM); Stage 1								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOOD, Nicholas	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-18			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002 1 . 0 . 0	SP-020061		get it					<i>remarks - general:</i>
	SP-16 04/07/2002 2 . 0 . 0	SP-020261		get it					<i>remarks - this release:</i> .
	SP-16 04/07/2002 6 . 0 . 0			get it					
<hr/>									
TS 22.243	Distributed speech recognition based automated voice services								
Rel-6	<i>current version:</i> 1.2.0	DRAFT		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.			
	<i>freeze_meeting:</i> tbd			<i>G:</i> yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	brought forwards 02/01/2002 1 . 0 . 0			get it					<i>remarks - general:</i>
	from Rel-5								<i>remarks - this release:</i> Delayed from Rel-5.
	SP-15 27/03/2002 1 . 2 . 0	S1-020114		get it					

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

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

TS 22.250	IP Multimedia Subsystem (IMS) Group Management; Stage 1								
Rel-6	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES				
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, draft</i> 24/04/2002	0 . 1 . 0					get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .
<hr/>									
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, TP-17</i> 30/08/2002	1 . 0 . 0					get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .
<hr/>									
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking								
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<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, SP-15</i> 19/03/2002	1 . 0 . 0	SP-020059				get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .
<hr/>									
TR 22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	<i>current version:</i> 0.2.0	DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KALLIOKULJU, Juha	NOKIA MOBILE PHONES				
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, draft</i> 26/03/2002	0 . 0 . 0					get it	<i>remarks - general:</i>	
	draft 19/07/2002	0 . 1 . 0					get it	<i>remarks - this release:</i> .	
	SP-16 19/07/2002	0 . 2 . 0					get it		
<hr/>									
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> tbd		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version, SP-15</i> 19/03/2002	1 . 0 . 0	SP-020060				get it	<i>remarks - general:</i> Additional rapporteur: B Pramanik (Telcordia).	
	draft	1 . 1 . 0						<i>remarks - this release:</i> .	
	SP-16 04/07/2002	2 . 0 . 0	SP-020260				get it		
	SP-16 04/07/2002	6 . 0 . 0					get it		

G = required in systems with GERAN access; 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	Network sharing								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> TP-16: anticipate v1.0.0 at TP-17.

TR 22.977	Feasibility study for speech-enabled services								
Rel-6	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ZARRI, Michele	T-Mobile (UK) Ltd			
	<i>freeze_meeting:</i> tbd			G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	S1-14	0	.	0	.	0			<i>remarks - general:</i>
	S1-15	0	.	1	.	0			<i>remarks - this release:</i> .
	S1 SES	0	.	2	.	0			
	S1 SES	0	.	3	.	0			
	SP-16 04/07/2002	1	.	0	.	0	SP-020259	get it	

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

TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd			
	<i>freeze_meeting:</i> tbd			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.
									<i>remarks - this release:</i> .

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> tbd			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".

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

TR 23.141	Presence service; Architecture and functional description; Stage 2								
Rel-6	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA				
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version, draft</i> 17/06/2002	0 . 0 . 0	get it	<i>remarks - general:</i> Created on request of rapporteur.					
				<i>remarks - this release:</i> .					
<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> tbd		G: yes U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>			<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TS 23.241	3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework								
Rel-6	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.				
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm					
	<i>history (event, available, version, draft</i> 28/05/2002	0 . 3 . 0	get it	<i>remarks - general:</i> Cf work item 'Generic user profile'					
				<i>remarks - this release:</i> RP-15: Delayed from Rel-5.					
<hr/>									
TS 23.271	Functional stage 2 description of location services (LCS)								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation				
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version, SP-16</i> 18/06/2002	6 . 0 . 0	get it	<i>remarks - general:</i> post-TSG#8: Recombined 2G and 3G spec for R00 onwards.					
				<i>remarks - this release:</i> Continues 23.871					
<hr/>									
TR 23.841	Presence service architecture								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA				
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version, SP-16</i> 22/07/2002	2 . 0 . 0	get it	<i>remarks - general:</i>					
	SP-16 25/07/2002	6 . 0 . 0	get it	<i>remarks - this release:</i> TP-16: clear that service is Rel-6.					
		SP-020319							

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

TR 23.846 Multimedia Broadcast/Multicast Service (MBMS); Stage 2
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Limited
freeze_meeting: tbd *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
draft 12/04/2002 0 . 3 . 0 [get it](#) *remarks - general:* This is a preparatory report which may result in the creation of a stage 2 TS
S2-24 0 . 4 . 0 *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5.
post S2-24 22/05/2002 0 . 5 . 0 [get it](#)
draft 28/05/2002 0 . 5 . 1 [get it](#)
SP-16 04/07/2002 1 . 0 . 0 SP-020361 [get it](#)

TR 23.917 Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study
Rel-6 *current version:* 0.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* MOUSSET, Claire NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G:* yes *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
draft 07/08/2002 0 . 0 . 0 [get it](#) *remarks - general:* Work Item: SP-020140
remarks - this release: .

TR 23.934 3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition
Rel-6 *current version:* 0.1.0 DRAFT *WG (prime / other):* S1 / - *rapporteur:* PAINTE, Frédéric Telenor AS
freeze_meeting: SP-18 *G:* *U:* yes *MCC:* CLAYTON, Michael
history (event, available, version,
S2-24 07/05/2002 0 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

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

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

TR 24.841 **Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details**
Rel-6 *current version:* none *WG (prime / other):* N1 / *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
RP-16
remarks - general:
remarks - this release: .

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

TS 25.101 **UE Radio transmission and reception (FDD)**
Rel-6 *current version:* 6.0.0 *WG (prime / other):* R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: tbd *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-16 6 . 0 . 0 RP16 agreed not to implement the CR *remarks - general:*
creating this version. *remarks - this release:* .

TR 25.887 **Beamforming**
Rel-6 *current version:* none *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd
freeze_meeting: tbd *G:* *U:* yes *MCC:* IKEDA, Shinobu
history (event, available, version,
remarks - general:
remarks - this release: .

TR 25.889 **Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study**
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* R4 / - *rapporteur:* STAHLFJALL, Peter Telefon AB LM Ericsson
freeze_meeting: tbd *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-16 26/06/2002 1 . 0 . 0 RP-020354 [get it](#) *remarks - general:*
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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.891 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS post-Rel-5
Rel-6 *current version:* 0.0.1 DRAFT *WG (prime / other):* R3 / *rapporteur:* HWANG, Woonhee NOKIA Corporation
freeze_meeting: tbd *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version, draft 0 . 0 . 1 *remarks - general:*
remarks - this release: .

TR 25.892 Analysis of OFDM for UTRAN enhancement
Rel-6 *current version:* none *WG (prime / other):* R1 / *rapporteur:* BOUMENDIL, Sarah NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-19 *G:* *U:* yes *MCC:* IKEDA, Shinobu
history (event, available, version, *remarks - general:*
remarks - this release: .

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

TS 27.007 AT command set for 3G User Equipment (UE)
Rel-6 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: tbd *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version, TP-16 25/06/2002 6 . 0 . 0 [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 *WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
freeze_meeting: tbd *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version, *remarks - general:*
remarks - this release: NP-16: For earlier versions: see Rel-5.

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

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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 *current version: none* WG (prime / other): N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: tbd G: U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
remarks - general: 2002-05-30: Created in response to proposed new WI in N4-020773.
remarks - this release:

TR 29.846 Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description
Rel-6 *current version: none* WG (prime / other): N1 / *rapporteur:* HOBBS, Kevan Hutchison 3G UK Limited
freeze_meeting: NP-19 G: yes U: yes *MCC:* JORGENSEN, Per Johan
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-6 *current version: none* WG (prime / other): N1 / RP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: tbd G: yes U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version.

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

TS 31.113 USAT interpreter byte codes
Rel-6 *current version: 6.0.0* WG (prime / other): T3 / *rapporteur:* ,
freeze_meeting: tbd G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-16 19/06/2002 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

TS 31.114	USAT interpreter protocol and administration								
Rel-6	<i>current version:</i> none			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael				GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> tbd			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>							<i>remarks - general:</i>	
								<i>remarks - this release:</i> TP-15: Enhancements to Rel-5 envisaged.	
<hr/>									
TS 31.115	Secured packet structure for (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> tbd			G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>							<i>remarks - general:</i>	
	TP-16 26/06/2002 2 . 0 . 0		TP-020126	get it				<i>remarks - this release:</i> additional rapporteur: Florence Martin.	
	TP-16 19/06/2002 6 . 0 . 0			get it				SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.	
<hr/>									
TS 31.116	Remote APDU Structure for (U)SIM Toolkit applications								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> tbd			G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>							<i>remarks - general:</i>	
	TP-16 26/06/2002 2 . 0 . 0		TP-020127	get it				<i>remarks - this release:</i> additional rapporteur: Florence Martin	
	TP-16 19/06/2002 6 . 0 . 0			get it				SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.	

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

TS 32.140	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>							<i>remarks - general:</i>	
	SP-15 19/03/2002 1 . 0 . 0		SP-020012 (originally Rel-5)	get it				<i>remarks - this release:</i> SP-15: moved from Rel-5.	

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

TS 32.411	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Requirements					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> tbd <i>history (event, available, version,</i>		<i>WG (prime / other):</i> S5 / - G: yes U: yes	<i>rapporteur:</i> HÜBINETTE, Ulf <i>MCC:</i> ZOICAS, Adrian	Telefon AB LM Ericsson	
				<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 <i>freeze_meeting:</i> tbd <i>history (event, available, version,</i>	DRAFT	<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> KORINEK, Frank <i>MCC:</i> ZOICAS, Adrian	Motorola Inc.	
	SP-16 17/06/2002 1 . 0 . 0 SP-020330		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> tbd <i>history (event, available, version,</i>		<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> RAO, Mohan <i>MCC:</i> ZOICAS, Adrian	Lucent Technologies Network Systems UK	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> tbd <i>history (event, available, version,</i>		<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> RONKA, Kari <i>MCC:</i> ZOICAS, Adrian	NOKIA Corporation	
				<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set					
Rel-6	<i>current version:</i> none <i>freeze_meeting:</i> tbd <i>history (event, available, version,</i>		<i>WG (prime / other):</i> S5 / - G: U: yes	<i>rapporteur:</i> WILBER, John <i>MCC:</i> ZOICAS, Adrian		
				<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 32.664	Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> tbd	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:</i> none	<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 32.682	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	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 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	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 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>	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 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

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

TR 33.810 Feasibility study for support of TS 33.210 NDS/IP evolution

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

WG (prime / other): S3 / *rapporteur:* ,
G: U: yes *MCC:* POPE, Maurice

remarks - general: 2002-07-22: was formerly 33.910.
remarks - this release: .

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: none*
freeze_meeting: TP-25
history (event, available, version,

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

remarks - general: Base spec is 31.131.
remarks - this release: .

Rel-6 **41** .- series Server location: 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: .

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

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

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

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

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

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

TS 55.216 Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S3 / *rapporteur:* POPE, Maurice
freeze_meeting: SP-20 *G: yes U:* *MCC:*
history (event, available, version,
draft 22/07/2002 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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> 1.0.0 DRAFT
	<i>freeze_meeting:</i> SP-20
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / <i>rapporteur:</i> ,
<i>draft 22/07/2002 1 . 0 . 0</i>	<i>G: yes U:</i> <i>MCC:</i> POPE, Maurice
	get it <i>remarks - general:</i>
	<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> 1.0.0 DRAFT
	<i>freeze_meeting:</i> SP-20
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / <i>rapporteur:</i> ,
<i>draft 22/07/2002 1 . 0 . 0</i>	<i>G: yes U:</i> <i>MCC:</i> POPE, Maurice
	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

TR 55.919	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 4: Design and evaluation report
Rel-6	<i>current version:</i> 1.0.0 DRAFT
	<i>freeze_meeting:</i> SP-20
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / <i>rapporteur:</i> ,
<i>draft 22/07/2002 1 . 0 . 0</i>	<i>G: yes U:</i> <i>MCC:</i> POPE, Maurice
	get it <i>remarks - general:</i>
	<i>remarks - this release:</i> .

Rel-5

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

TS 21.103 3rd Generation mobile system Release 5 specifications

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

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

SP-12 0 . 0 . 0 SP-010275
SP-12 05/07/2001 0 . 1 . 0 SP-010381
SP-13 01/10/2001 1 . 0 . 0 SP-010418
SP-15 19/03/2002 1 . 1 . 0 SP-020095
SP-15 19/03/2002 1 . 2 . 0 SP-020202
SP-16 2 . 0 . 0
SP-16 2 . 1 . 0 SP-020274
SP-16 2 . 2 . 0 SP-020401
SP-16 19/06/2002 5 . 0 . 0 SP-020411

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

TS 21.111 USIM and IC card requirements

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-16
history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0

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

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

TR 21.801 Specification drafting rules

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

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

SP-16 24/06/2002 5 . 0 . 0
edito 19/07/2002 5 . 0 . 1

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

TR 21.877 Radio optimization impacts on the Packet Switched (PS) domain architecture

Rel-5 *current version:* 0.4.0 DRAFT
freeze_meeting: SP-16
history (event, available, version,

WG (prime / other): S2 / - *rapporteur:* LAUTIER, Laurence NORTEL NETWORKS (EUROPE)
G: *U:* yes *MCC:* SULTAN, Alain

draft 15/04/2002 0 . 2 . 0
draft 14/08/2002 0 . 4 . 0

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

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

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

TR 21.900 Technical Specification Group working methods

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): 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-5 *current version:* 5.4.0
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

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:* .
[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 NOKIA Corporation
G: yes *U:* yes *MCC:* CLAYTON, Michael

[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 Research In Motion Limited
G: yes *U:* yes *MCC:* CLAYTON, Michael

[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 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-14 10/01/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#5	
	SP-15 25/03/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .	
	SP-16 04/07/2002 5 . 2 . 0			get it		
<hr/>						
TS 22.004	General on Supplementary Services					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</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> 5.0.0	<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			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<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 22.024	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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation						
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version,</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 22.032	Immediate Service Termination (IST); Service description; Stage 1									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One						
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice							
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0									
		get it	<i>remarks - general:</i> SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards).							
			<i>remarks - this release:</i> .							
<hr/>										
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation						
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0									
		get it	<i>remarks - general:</i> Transfer>TSG#4							
			<i>remarks - this release:</i> .							
<hr/>										
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1									
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited						
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version,</i> SP-09 18/10/2000 5 . 0 . 0 SP-10 08/01/2001 5 . 1 . 0 SP-12 27/06/2001 5 . 2 . 0									
		get it	<i>remarks - general:</i> Transfer>TSG#4							
		get it	<i>remarks - this release:</i> .							
		get it								
<hr/>										
TS 22.041	Operator Determined Call Barring									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc						
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael							
	<i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0									
		get it	<i>remarks - general:</i> Transfer>TSG#4							
			<i>remarks - this release:</i> .							

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TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</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 22.053	Tandem Free Operation (TFO); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4.				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution				
	SP-11 02/04/2001 5 . 1 . 0			get it	<i>remarks - this release:</i> Environment (MExE); Stage 1".				
	SP-13 05/10/2001 5 . 2 . 0			get it					
	SP-15 25/03/2002 5 . 3 . 0			get it					
	edito post SP-15 04/04/2002 5 . 3 . 1			get it					
	SP-16 04/07/2002 5 . 4 . 0			get it					
<hr/>									
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-13 05/10/2001 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-15 25/03/2002 5 . 1 . 0			get it	<i>remarks - this release:</i> .				
	SP-16 04/07/2002 5 . 2 . 0			get it					

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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	ETSI Secretariat			
	<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	ETSI Secretariat			
	<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> 5.7.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-15	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-09 09/11/2000 5 . 0 . 0	unclear how to implement CR	get it	<i>remarks - general:</i>		
	SP-10 08/01/2001 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-11 02/04/2001 5 . 2 . 0		get it			
	SP-12 27/06/2001 5 . 3 . 0		get it			
	SP-13 05/10/2001 5 . 4 . 0		get it			
	SP-14 10/01/2002 5 . 5 . 0		get it			
	SP-15 25/03/2002 5 . 6 . 0		get it			
	SP-16 04/07/2002 5 . 7 . 0		get it			
<hr/>						
TS 22.079	Support of optimal routing; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.081	Line Identification supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-16 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
				<i>remarks - this release:</i> .		
<hr/>						
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</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	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0								
		get it		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<hr/>									
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0								
		get it		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<hr/>									
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat			
	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:	.				
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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0								
		get it		remarks - general:	Transfer>TSG#4				
				remarks - this release:	.				
<hr/>									
TS 22.087	User-to-user signalling (UUS); Stage 1								
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	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:	.				

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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

ETSI Secretariat

[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

ETSI Secretariat

[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

ETSI Secretariat

[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

ETSI Secretariat

[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

ETSI Secretariat

[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:* 5.6.0
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

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](#)

TS 22.105 Services & 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	GIESECKE & DEVRIENT GmbH		
	<i>freeze_meeting:</i> TP-15	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i> TP-13 12/10/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 22.115	Service Aspects Charging and billing					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-11 02/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 27/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 5 . 2 . 0	get it				
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
Rel-5	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-11 02/04/2001 5 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment;		
	SP-12 27/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>	Stage 1". SP-16: converted from TS to TR.		
	SP-14 10/01/2002 5 . 2 . 0	get it				
	SP-15 28/03/2002 5 . 3 . 0	get it				
	SP-16 19/07/2002 5 . 3 . 1	get it		Converted from TS to TR.		
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	get it	<i>remarks - general:</i>			
	SP-13 05/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	edito 09/10/2001 5 . 1 . 1	get it				
	SP-14 10/01/2002 5 . 2 . 0	get it				
	SP-15 29/03/2002 5 . 3 . 0	get it				
	SP-16 04/07/2002 5 . 4 . 0	get it				

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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		
<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:	
								remarks - this release:	.
<hr/>									
TS 22.140	Multimedia Messaging Service (MMS); Stage 1								
Rel-5	current version: 5.2.0	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		
<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		

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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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TR 22.941	IP based multimedia framework; Stage 0							
Rel-5	current version: 0.7.0	DRAFT	WG (prime / other): S1 /	rapporteur: WOHLERT, Randolph	SBC Communications Inc.			
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael				
history (event, available, version,								
draft 05/07/2001	0 . 1 . 0		get it	remarks - general:				
SP-12 05/07/2001	0 . 2 . 4	S1-010359, SP-010359 - not seen by SA1.	get it	remarks - this release:	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					

TR 22.944	Service requirements for UE functionality split							
Rel-5	current version: 5.1.0		WG (prime / other): S1 /	rapporteur: GUPTA, Sanjay	MOTOROLA Ltd			
	freeze_meeting: SP-15		G: U: yes	MCC: CLAYTON, Michael				
history (event, available, version,								
SP-14 02/01/2002	1 . 0 . 0	SP-010679, SP-020064	get it	remarks - general:				
SP-15 19/03/2002	2 . 0 . 0	SP-020064	get it	remarks - this release:	.			
SP-15 02/04/2002	5 . 0 . 0	Not fit for SDO publication. Contains many editor's notes.	get it					
SP-16 04/07/2002	5 . 1 . 0		get it					

TR 22.976	Study on PS domain services and capabilities							
Rel-5	current version: 2.0.0	DRAFT	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,								
SP-08 28/06/2000	2 . 0 . 0	transferred from Rel-4	get it	remarks - general:	Created Jan-00			
				remarks - this release:	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> 5.7.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-15		<i>G: yes U: yes</i>	<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			

TS 23.003	Numbering, Addressing and Identification						
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GAASVIK, Per-Ola		COMVIQ GSM AB	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	NP-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			

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		<i>G: yes U: yes</i>	<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> 5.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf		ALCATEL SEL AG	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	NP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-16 21/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		

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TS 23.009	Handover procedures								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated				
	<i>freeze_meeting:</i> NP-15			Rouzbah					
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	NP-14 08/01/2002 5 . 0 . 0								
	NP-16 20/06/2002 5 . 1 . 0								
			get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i> .					
<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		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002 5 . 0 . 0								
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TS 23.012	Location management procedures								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,					
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-15 28/03/2002 5 . 0 . 0								
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> .					
<hr/>									
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG				
	<i>freeze_meeting:</i> NP-15		<i>G: yes U: yes</i>	<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 ????					
				<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			Chalmers					
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	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: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
	NP-15 28/03/2002 5 . 0 . 0			get it	remarks - general:
	NP-16 21/06/2002 5 . 1 . 0			get it	remarks - this release: .
<hr/>					
TS 23.018	Basic Call Handling; Technical realization				
Rel-5	current version: 5.3.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David VODAFONE LTD
	freeze_meeting: NP-15	G: yes U: yes		MCC:	Chalmers KYMALAINEN, Kimmo
history (event, available, version,					
	NP-12 27/06/2001 5 . 0 . 0			get it	remarks - general:
	NP-13 03/10/2001 5 . 1 . 0			get it	remarks - this release: .
	NP-14 16/01/2002 5 . 2 . 0			get it	
	NP-15 28/03/2002 5 . 3 . 0			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 JORGENSEN, Per Johan
history (event, available, version,					
	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: 5.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim Indicate persons who left Company and wait for new One
	freeze_meeting: SP-16	G: yes U: yes		MCC:	POPE, Maurice
history (event, available, version,					
	SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards). remarks - this release: .
<hr/>					
TS 23.038	Alphabets and language-specific information				
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-15 21/03/2002 5 . 0 . 0			get it	remarks - general: remarks - this release: .

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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 *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 02/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 23.040 Technical realization of Short Message Service (SMS)
Rel-5 *current version:* 5.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
NP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - general:*
TP-13 03/10/2001 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 11/01/2002 5 . 2 . 0 [get it](#)
TP-15 26/03/2002 5 . 3 . 0 [get it](#)
TP-16 05/07/2002 5 . 4 . 0 [get it](#)

TS 23.041 Technical realization of Cell Broadcast Service (CBS)
Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-16 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 23.042 Compression algorithm for SMS
Rel-5 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: TP-15 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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TS 23.048	Security Mechanisms for the (U)SIM application toolkit; Stage 2						
Rel-5	<i>current version:</i> 5.3.0	<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-15: For test spec, see 31.048,				
	TP-13 12/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	TP-14 17/01/2002 5 . 2 . 0	get it					
	TP-15 28/03/2002 5 . 3 . 0	get it					

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	ETSI Secretariat			
	<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> .				

TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<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.				
			<i>remarks - this release:</i> .				

TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2						
Rel-5	<i>current version:</i> 5.2.0	<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					

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> .				

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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>	PERLICK, Vivien	SAGEM Group		
	<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> 5.0.0	<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		
						<i>remarks - this release:</i>	Phase 4.		
<hr/>									
TS 23.079	Support of Optimal Routeing (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		<i>MCC:</i>	Chalmers			
<i>history (event, available, version,</i>						KYMALAINEN, Kimmo			
	NP-15 28/03/2002	5	.	0	.	0			
	NP-16 21/06/2002	5	.	1	.	0			
					get it	<i>remarks - general:</i>	CR at TSG#4,CR at TSG#5		
					get it	<i>remarks - this release:</i>	.		
<hr/>									
TS 23.081	Line Identification supplementary services; Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4	/ -	<i>rapporteur:</i>	VACANT,			
	<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 23.082	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> VACANT,			
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: 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> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE Group Plc		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: 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 23.084	MultiParty (MPY) 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	MCC: 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> .	
<hr/>						
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: 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 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	MCC: 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 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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> .
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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> .
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 23.091	Explicit Call Transfer (ECT) 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-16 21/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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> .

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TS 23.094	Follow Me Stage 2								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SWETINA, Joerg	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			
	post NP-16 edito: 01/07/2002	5	.	0	.	1			
	make fig 5.1								
				get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
				get it	<i>remarks - this release:</i> .				
<hr/>									
TS 23.096	Name Identification Supplementary Service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HEWSON, Ruth	VODAFONE Group Plc			
	<i>freeze_meeting:</i> NP-15			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	.	0	.	0			
				get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
					<i>remarks - this release:</i> .				
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
Rel-5	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	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			
				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/>									

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TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis	MOTOROLA GmbH			
	freeze_meeting: NP-16	G: yes	U: yes	MCC:	JORGENSEN, Per Johan				
history (event, available, version,	NP-16 28/06/2002	5 . 0 . 0		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.			
<hr/>									
TS 23.116	Super-Charger technical realization; Stage 2								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	ALLEN, Nicholas	Indicate persons who left Company and wait for new One			
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 24/06/2002	5 . 0 . 0		get it	remarks - general:	New after TSG#5			
					remarks - this release:	.			
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	SAWADA, Masahiro	NTT DoCoMo Inc.			
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-16 24/06/2002	5 . 0 . 0		get it	remarks - general:	New after TSG#5			
					remarks - this release:	.			
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	HIETALAHTI, Hannu	NOKIA Corporation			
	freeze_meeting: NP-15	G:	U: yes	MCC:	JORGENSEN, Per Johan				
history (event, available, version,	NP-16 24/06/2002	5 . 0 . 0		get it	remarks - general:				
					remarks - this release:	.			
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-5	current version: 5.2.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-15	G:	U: yes	MCC:	SULTAN, Alain				
history (event, available, version,	SP-14 07/01/2002	5 . 0 . 0		get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.			
	SP-15 05/04/2002	5 . 1 . 0		get it	remarks - this release:	.			
	SP-16 17/06/2002	5 . 2 . 0		get it					

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TS 23.135	Multicall supplementary service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<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> 5.3.0								
	<i>freeze_meeting:</i> TP-15								
	<i>history (event, available, version,</i>								
	TP-13 05/10/2001	5	.	0	.	0			
	TP-14 11/01/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	
							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			
	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
<hr/>									
TS 23.146	Technical realisation of facsimile Group 3 service - non-transparent								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> NP-15								
	<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>	.
<hr/>									
TS 23.153	Out of Band Transcoder Control; Stage 2								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-15 28/03/2002	5	.	0	.	0			
	NP-16 21/06/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	New after TSG#5
							get it	<i>remarks - this release:</i>	.

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TS 23.172	Technical realization of Circuit Switched (CS) multimedia service; UDI/RDI fallback and service modification; Stage 2				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIIK, Rune Werner	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-16	<i>G:</i> U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	draft 18/04/2002	1 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-16 25/06/2002	2 . 0 . 0	get it	<i>remarks - this release:</i> .	NP-020168
	NP-16 28/06/2002	5 . 0 . 0	get it		
<hr/>					
TS 23.174	Push service; stage 2				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> 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> . good to reserve the number just in case ...".	
<hr/>					
TS 23.205	Bearer-independent circuit-switched core network; Stage 2				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARCIA-MENDIVE,	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15		Elena		
	<i>history (event, available, version,</i>	<i>G:</i> U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	NP-14 10/01/2002	5 . 0 . 0		<i>remarks - general:</i> 2000-10: Rap change from Keutmann.	
	NP-15 28/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .	
	NP-16 21/06/2002	5 . 2 . 0	get it		
<hr/>					
TS 23.207	End to end Quality of Service (QoS) concept and architecture				
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> OYAMA, Johnson	Nippon Ericsson K.K.	
	<i>freeze_meeting:</i> SP-15	<i>G:</i> yes U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>				
	SP-12	2 . 0 . 0		<i>remarks - general:</i>	SP-010337
	SP-12 02/07/2001	5 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 15/10/2001	5 . 1 . 0	get it		
	SP-14 07/01/2002	5 . 2 . 0	get it		
	SP-15 05/04/2002	5 . 3 . 0	get it		
	SP-16 18/06/2002	5 . 4 . 0	get it		

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

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

draft	30/03/2001	0	.	5	.	0			get it	<i>remarks - general:</i>
draft	20/08/2001	0	.	5	.	2			get it	<i>remarks - this release:</i> .
draft	11/09/2001	0	.	6	.	0			get it	
draft	10/10/2001	0	.	7	.	0			get it	
draft	05/11/2001	0	.	8	.	0			get it	
draft	19/11/2001	0	.	9	.	0			get it	
NP-14	05/12/2001	1	.	0	.	0	NP-010640		get it	
draft	22/01/2002	1	.	1	.	0			get it	
draft	06/02/2002	1	.	2	.	0			get it	
draft	26/02/2002	2	.	0	.	0			get it	
NP-15	19/03/2002	2	.	0	.	1	NP-020047		get it	
NP-15	19/03/2002	5	.	0	.	0			get it	
NP-16	25/06/2002	5	.	1	.	0			get it	

TS 23.221 Architectural requirements

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

SP-11	06/04/2001	5	.	0	.	0			get it	<i>remarks - general:</i> Derived from R99-specific 23.121
SP-12	02/07/2001	5	.	1	.	0			get it	<i>remarks - this release:</i>
SP-13	12/10/2001	5	.	2	.	0			get it	
SP-14	07/01/2002	5	.	3	.	0			get it	
SP-15	05/04/2002	5	.	4	.	0			get it	
SP-16	18/06/2002	5	.	5	.	0			get it	

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

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

SP-12		2	.	0	.	0	SP-010336			<i>remarks - general:</i> 2002-03-06: N4->S2 (was wrong!) SP-16: to "GERAN" set.
SP-12	29/06/2001	5	.	0	.	0			get it	<i>remarks - this release:</i> WI approved TSG#7
SP-14	07/01/2002	5	.	1	.	0			get it	
SP-15	05/04/2002	5	.	2	.	0			get it	

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

TS 23.228 IP Multimedia Subsystem (IMS); Stage 2
Rel-5 *current version:* 5.5.0 *WG (prime / other):* S2 / - *rapporteur:* TOWLE, Thomas Lucent Technologies
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
draft 30/11/2000 1 . 0 . 0 [get it](#) *remarks - general:*
SP-10 10/01/2001 1 . 4 . 0 SP-000598 [get it](#) *remarks - this release:* SP-15: No IMS support in Rel-5.
draft 06/02/2001 1 . 7 . 0 [get it](#)
SP-11 06/04/2001 5 . 0 . 0 [get it](#)
SP-12 02/07/2001 5 . 1 . 0 [get it](#)
SP-13 17/10/2001 5 . 2 . 0 [get it](#)
repair of lost figures 5 . 2 . 1
SP-14 04/01/2002 5 . 3 . 0 [get it](#)
SP-15 08/04/2002 5 . 4 . 0 [get it](#)
edito post SP-15 12/04/2002 5 . 4 . 1 [get it](#)
SP-16 17/06/2002 5 . 5 . 0 [get it](#)

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

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TS 23.240	3GPP generic user profile requirements; Stage 2; Architecture								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								<i>remarks - general:</i> Cf work item 'Generic user profile'
									<i>remarks - this release:</i> .
<hr/>									
TS 23.271	Functional stage 2 description of location services (LCS)								
Rel-5	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15			G: yes U: yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								
	SP-13 15/10/2001	5	.	0	.	0			<i>remarks - general:</i> post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
	SP-14 07/01/2002	5	.	1	.	0			<i>remarks - this release:</i> .
	SP-15 29/03/2002	5	.	2	.	0			
	SP-16 18/06/2002	5	.	3	.	0			
<hr/>									
TS 23.278	Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2								
Rel-5	<i>current version:</i> 2.0.0			<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> REMOQUILLO, Angelica	Lucent Technologies			
	<i>freeze_meeting:</i> NP-17			G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	NP-14 02/01/2002	1	.	0	.	0	NP-010586		<i>remarks - general:</i> 2001-10-26: renumbered from 23.178.
	NP-15 19/03/2002	1	.	1	.	0	NP-020059		<i>remarks - this release:</i> Was briefly 23.178. CAMEL Phase 4.
	NP-16 26/06/2002	2	.	0	.	0	NP-020207 - not approved		
<hr/>									
TR 23.815	Charging implications of IMS architecture								
Rel-5	<i>current version:</i> 5.0.0			<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>								
	draft	0	.	0	.	0	2001-08		<i>remarks - general:</i> Was 23.915.
	S2-19	0	.	1	.	0	2001-10		<i>remarks - this release:</i> 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).
	S2-20 20/11/2001	0	.	2	.	0			
	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			

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	current version: 5.0.0	WG (prime / other):	S2 /	rapporteur:	KÅLL, Jan	NOKIA Corporation	
	freeze_meeting: SP-15	G:	U: yes	MCC:	SULTAN, Alain		
	history (event, available, version,						
	draft		0 . 0 . 1				remarks - general:
	draft		0 . 0 . 2				remarks - this release: Not to progress to Rel-6: see 23.271.
	draft		0 . 0 . 3				
	draft		0 . 1 . 0				
	S2-21		0 . 2 . 0				
	draft		0 . 3 . 0				
	draft		0 . 4 . 0				
	SP-14 02/01/2002	1 . 0 . 0	SP-010717				get it
	S2-23	1 . 2 . 0					
	draft 19/03/2002	1 . 3 . 0					get it
	SP-15	2 . 0 . 0	not presented				
	SP-16 22/07/2002	2 . 1 . 0	SP-020379				get it
	SP-16 25/07/2002	5 . 0 . 0					get it
TR 23.875	Support of Push service						
Rel-5	current version: 5.1.0	WG (prime / other):	S2 /	rapporteur:	UDA, Nobuyuki	NTT COMWARE Corporation	
	freeze_meeting: SP-15	G:	U: yes	MCC:	SULTAN, Alain		
	history (event, available, version,						
	SP-13 16/10/2001	5 . 0 . 0	derived from SP-010508				remarks - general: SP-13: changed number from 23.974.
	SP-14 04/04/2002	5 . 1 . 0					remarks - this release: .
							get it
							get it
TR 23.910	Circuit switched data bearer services						
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	WIJK, Rune Werner	Telefon AB LM Ericsson	
	freeze_meeting: NP-15	G:	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	NP-14 11/01/2002	5 . 0 . 0					remarks - general: 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
							remarks - this release: .
							get it
TR 23.955	Virtual Home Environment (VHE) concepts						
Rel-5	current version: 0.1.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	ETSI Secretariat	
	freeze_meeting: SP-16	G:	U: yes	MCC:	SULTAN, Alain		
	history (event, available, version,						
	draft 08/01/2001	0 . 0 . 0					remarks - general:
	draft 24/01/2001	0 . 1 . 0					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

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

TS 24.002	GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version, NP-16 28/06/2002 5 . 0 . 0	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-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: JORGENSEN, Per Johan						
		get it	remarks - general: Transfer>TSG#4,CR at TSG#5 remarks - this release: .						
TS 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3								
Rel-5	current version: 5.4.0 freeze_meeting: NP-15	WG (prime / other): N1 / -	rapporteur: HOWELL, Andrew	MOTOROLA Ltd					
	history (event, available, version, NP-12 13/07/2001 5 . 0 . 0 NP-13 05/10/2001 5 . 1 . 0 NP-14 10/01/2002 5 . 2 . 0 NP-15 21/03/2002 5 . 3 . 0 NP-16 24/06/2002 5 . 4 . 0	G: yes U: yes	MCC: JORGENSEN, Per Johan						
		get it	remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to remarks - this release: . be resolved till Jun00.						
		get it							
		get it							
		get it							
		get it							
TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	G: yes U: yes	MCC: KYMALAINEN, Kimmo						
		get it	remarks - general: remarks - this release: .						

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Server ACTIVE specs Rel-5 24 .- series
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								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N1 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S					
		G: yes U: yes	MCC: JORGENSEN, Per Johan						
	history (event, available, version, NP-16 28/06/2002 5 . 0 . 0		get it	remarks - general: Transfer>TSG#4					
				remarks - this release: .					
<hr/>									
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N3 / -	rapporteur: KLEHN, Norbert	SIEMENS AG					
		G: yes U: yes	MCC: BOSWARTHICK, David						
	history (event, available, version, NP-14 16/01/2002 5 . 0 . 0		get it	remarks - general: CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link					
				remarks - this release: . Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and					
				the Base Station System - Mobile-services Switching Centre (BSS-MSC)					
<hr/>									
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-5	current version: 5.1.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)					
		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		get it	remarks - general: TSG#7: txfrd from SMG to 3GPP for R99.					
			get it	remarks - this release: .					
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: PERLICK, Vivien	SAGEM Group					
		G: yes U: yes	MCC: KYMALAINEN, Kimmo						
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0		get it	remarks - general:					
				remarks - this release: .					
<hr/>									
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-5	current version: 5.0.0 freeze_meeting: NP-15	WG (prime / other): N4 / -	rapporteur: DETTNER, Harald	SIEMENS AG					
		G: yes U: yes	MCC: KYMALAINEN, Kimmo						
	history (event, available, version, NP-16 24/06/2002 5 . 0 . 0		get it	remarks - general:					
				remarks - this release: .					

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

TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
Rel-5	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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			get it	remarks - general:	
	NP-16 21/06/2002 5 . 1 . 0			get it	remarks - this release: .	
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-16 24/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.082	Call Forwarding supplementary service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-16 25/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-16 25/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc
	freeze_meeting: NP-15	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
	NP-16 25/06/2002 5 . 0 . 0			get it	remarks - general:	
					remarks - this release: .	

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Server ACTIVE specs Rel-5 24 .- series
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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:* DETTNER, Harald SIEMENS AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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:* RUSSELL, Nick VODAFONE Group Plc
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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

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

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

TS 24.096 Name Identification Supplementary Service; Stage 3

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

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

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

TS 24.135 Multicall supplementary service; Stage 3

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

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

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

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

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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: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	KISS, Krisztian	NOKIA Corporation
	freeze_meeting: NP-16	G: yes U: yes		MCC:	JORGENSEN, Per Johan	
<i>history (event, available, version,</i>						
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		

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

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

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rporteur:* 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			<i>remarks - general:</i>	NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-10	05/01/2001	0	.	0	.	7	N1-001115->1379 (NP-000684)	get it	<i>remarks - this release:</i>	
draft	26/03/2001	0	.	1	.	0		get it		
draft	10/05/2001	0	.	2	.	0		get it		
draft	26/06/2001	0	.	3	.	0		get it		
draft	26/07/2001	0	.	4	.	0		get it		
draft	12/09/2001	0	.	5	.	0		get it		
draft	09/10/2001	0	.	6	.	0		get it		
draft	24/10/2001	0	.	7	.	0		get it		
draft	19/11/2001	0	.	8	.	0		get it		
NP-14	06/12/2001	1	.	0	.	0	NP-010642	get it		
draft	22/01/2002	1	.	1	.	0		get it		
draft	06/02/2002	1	.	2	.	0		get it		
draft	06/02/2002	1	.	2	.	1		get it		
draft	27/02/2002	2	.	0	.	0		get it		
NP-15	19/03/2002	2	.	0	.	2	NP-020049	get it		
NP-15	19/03/2002	5	.	0	.	0	not frozen	get it		
NP-16	28/06/2002	5	.	1	.	0	CR009 not implemented; expect further CR at NP-17 to remove it.	get it		

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

TS 25.101 UE Radio transmission and reception (FDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rporteur:* FERNANDES, Edgar MOTOROLA Ltd
freeze_meeting: RP-15 *G:* U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0		get it	<i>remarks - general:</i>	
RP-14	14/01/2002	5	.	1	.	0		get it	<i>remarks - this release:</i>	.
RP-15	29/03/2002	5	.	2	.	0		get it		
RP-16	01/07/2002	5	.	3	.	0		get it		

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

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

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

Rel-5 *current version:* 5.1.0
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 Fixes change history table entry.
RP-16 01/07/2002 5 . 1 . 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](#)

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

Rel-5 *current version:* 5.3.0
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

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](#)

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

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 01/07/2002 5 . 1 . 0

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:* .

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-5 *current version:* 5.1.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 01/07/2002 5 . 1 . 0

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

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

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

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:*
edito 19/04/2002 5 . 0 . 1 [get it](#) *remarks - this release:* .
RP-16 01/07/2002 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 03/07/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-13 10/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 17/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 29/03/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)

TS 25.141 Base station conformance testing (FDD)

Rel-5 *current version:* 5.3.1 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-13 03/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 16/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 02/04/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
edito post RP-16 19/07/2002 5 . 3 . 1 eliminate duplicate clause numbers [get it](#)

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TS 25.142	Base station conformance testing (TDD)								
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	MEYER, Juergen	SIEMENS AG			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-15 29/03/2002			get it	<i>remarks - general:</i>				
	RP-16 04/07/2002			get it	<i>remarks - this release:</i>				
TS 25.143	UTRA repeater; Conformance testing								
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur Kommunikation			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar				
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002			get it	<i>remarks - general:</i>	Created by renumbering 25.107			
	RP-16 03/07/2002			get it	<i>remarks - this release:</i>				
TS 25.201	Physical layer - general description								
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-15 29/03/2002			get it	<i>remarks - general:</i>				
	RP-16 28/06/2002			get it	<i>remarks - this release:</i>				
TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)								
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	WILDE, Andreas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-15 29/03/2002			get it	<i>remarks - general:</i>				
	RP-16 28/06/2002			get it	<i>remarks - this release:</i>				
TS 25.212	Multiplexing and channel coding (FDD)								
Rel-5	<i>current version:</i> 5.1.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	TANAKA, Yoshinori	Fujitsu Limited			
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-15 29/03/2002			get it	<i>remarks - general:</i>				
	RP-16 28/06/2002			get it	<i>remarks - this release:</i>				

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TS 25.213	Spreading and modulation (FDD)					
Rel-5	<i>current version:</i> 5.1.0	<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> IKEDA, Shinobu			
	<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> .			
TS 25.214	Physical layer procedures (FDD)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<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> .			
TS 25.215	Physical layer; Measurements (FDD)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<i>history (event, available, version,</i>					
	RP-15 29/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<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> .			
TS 25.222	Multiplexing and channel coding (TDD)					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> KAHTAVA, Jussi	Nokia Japan Co. Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i> U: yes	<i>MCC:</i> IKEDA, Shinobu			
	<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> .			

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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:	IKEDA, Shinobu	
	history (event, available, version,					
	RP-15 29/03/2002			get it	remarks - general:	
	RP-16 28/06/2002			get it	remarks - this release:	.
TS 25.224	Physical layer procedures (TDD)					
Rel-5	current version: 5.1.0	WG (prime / other):	R1 / -	rapporteur:	OESTREICH, Stefan	SIEMENS AG
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu	
	history (event, available, version,					
	RP-15 29/03/2002			get it	remarks - general:	
	RP-16 28/06/2002			get it	remarks - this release:	.
TS 25.225	Physical layer; Measurements (TDD)					
Rel-5	current version: 5.1.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	ETSI Secretariat
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu	
	history (event, available, version,					
	RP-15 02/04/2002			get it	remarks - general:	
	RP-16 28/06/2002			get it	remarks - this release:	.
TS 25.301	Radio Interface Protocol Architecture					
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	GRANZOW, Wolfgang	ERICSSON Eurolab Deutschland GmbH
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude	
	history (event, available, version,					
	RP-15 19/03/2002			get it	remarks - general:	
	RP-16 17/06/2002			get it	remarks - this release:	.
TS 25.302	Services provided by the physical layer					
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude	
	history (event, available, version,					
	RP-15 19/03/2002			get it	remarks - general:	V3.0.0 approved via e-mail July 99 CR at TSG#5?
	RP-16 17/06/2002			get it	remarks - this release:	.

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TS 25.303	Interlayer procedures in Connected Mode						
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	RINNE, Mikko J	Nokia Research Center	
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude		
	history (event, available, version,						
	RP-15 19/03/2002			get it	remarks - general:		
	RP-16 17/06/2002			get it	remarks - this release:		
TS 25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode						
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	MAHKONEN, Marko	NOKIA Corporation	
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude		
	history (event, available, version,						
	RP-15 19/03/2002			get it	remarks - general:		
	RP-16 17/06/2002			get it	remarks - this release:		
TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2						
Rel-5	current version: 5.4.0	WG (prime / other):	R2 / -	rapporteur:	MIHAILESCU, Claudiu	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude		
	history (event, available, version,						
	RP-11 27/03/2001			get it	remarks - general:	Created from 25.923	
	RP-12 19/06/2001			get it	remarks - this release:		
	RP-13 02/10/2001			get it			
	RP-14 04/01/2002			get it			
	RP-15 19/03/2002			get it			
TS 25.306	UE Radio Access capabilities definition						
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	BERGGREN, Anders	Ericsson Incorporated	
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude		
	history (event, available, version,						
	RP-15 19/03/2002			get it	remarks - general:	Converted from TR 25.926 at TSG#10.	
	RP-16 17/06/2002			get it	remarks - this release:		
TS 25.307	Requirements on UEs supporting a release-independent frequency band						
Rel-5	current version: 5.0.0	WG (prime / other):	R2 / R4	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude		
	history (event, available, version,						
	RP-15 19/03/2002			get it	remarks - general:	Release independent! - sort of. RP-13: responsibility: R2 = signalling	
					remarks - this release:	Expect continual updates each time a new band is allowed. requirements, R4 = RF &	

RMM requirements.

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TS 25.308	UTRA High Speed Downlink Packet Access (HSPDA); Overall description; Stage 2								
Rel-5	current version: 5.2.0	WG (prime / other):	R2 /	rapporteur:	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	freeze_meeting: RP-15	G: U: yes		MCC:	ARZELIER, Claude				
history (event, available, version,									
RP-13	01/10/2001	0 . 1 . 0					RP-010643 for approval	get it	remarks - general: TS created from entrails of TR 25.855.
RP-13	02/10/2001	5 . 0 . 0						get it	remarks - this release: .
RP-14	04/01/2002	5 . 1 . 0						get it	
RP-15	21/03/2002	5 . 2 . 0						get it	
TS 25.321	Medium Access Control (MAC) protocol specification								
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	GESSNER, Christina	SIEMENS AG			
	freeze_meeting: RP-15	G: U: yes		MCC:	ARZELIER, Claude				
history (event, available, version,									
RP-15	19/03/2002	5 . 0 . 0						get it	remarks - general:
RP-16	17/06/2002	5 . 1 . 0						get it	remarks - this release: .
TS 25.322	Radio Link Control (RLC) protocol specification								
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	MADELAINE, Sebastien	PHILIPS CONSUMER COMMUNICATION			
	freeze_meeting: RP-15	G: U: yes		MCC:	ARZELIER, Claude				
history (event, available, version,									
RP-15	19/03/2002	5 . 0 . 0						get it	remarks - general:
RP-16	17/06/2002	5 . 1 . 0						get it	remarks - this release: .
TS 25.323	Packet Data Convergence Protocol (PDCP) specification								
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	HANS, Martin	SIEMENS AG			
	freeze_meeting: RP-15	G: U: yes		MCC:	ARZELIER, Claude				
history (event, available, version,									
RP-15	19/03/2002	5 . 0 . 0						get it	remarks - general:
RP-16	17/06/2002	5 . 1 . 0						get it	remarks - this release: .
TS 25.324	Broadcast/Multicast Control (BMC)								
Rel-5	current version: 5.1.0	WG (prime / other):	R2 / -	rapporteur:	HARTL, Mike	Vodafone D2 GmbH			
	freeze_meeting: RP-15	G: U: yes		MCC:	ARZELIER, Claude				
history (event, available, version,									
RP-15	19/03/2002	5 . 0 . 0						get it	remarks - general:
RP-16	17/06/2002	5 . 1 . 0						get it	remarks - this release: .

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TS 25.331	Radio Resource Control (RRC) protocol specification						
Rel-5	<i>current version:</i> 5.1.0		<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-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> .		
TS 25.401	UTRAN Overall Description						
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-12 06/07/2001	5 . 0 . 0		get it	<i>remarks - general:</i> Approval at TSG#5		
	RP-13 12/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-15 02/04/2002	5 . 2 . 0		get it			
	RP-16 28/06/2002	5 . 3 . 0		get it			
TS 25.402	Synchronisation in UTRAN Stage 2						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio	SIEMENS Mobile Communications S.p.a.		
	<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> New		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
TS 25.410	UTRAN Iu Interface: General Aspects and Principles						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mmO2 plc		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Approval at TSG#5		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
TS 25.411	UTRAN Iu interface layer 1						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .		

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TS 25.411	UTRAN Iu interface layer 1								
Rel-5	current version: 5.0.0	WG (prime / other):	R3	/ -	rapporteur:	BRANDT, Achim V.	SIEMENS AG		
	freeze_meeting: RP-15	G:			MCC:	KRAUSE, Joern			
	history (event, available, version,								
	RP-15 25/03/2002							get it	remarks - general:
	RP-15 25/03/2002							get it	remarks - this release: .
<hr/>									
TS 25.412	UTRAN Iu interface signalling transport								
Rel-5	current version: 5.0.0	WG (prime / other):	R3	/ -	rapporteur:	THAKARE, Kiran	RadioScape Limited		
	freeze_meeting: RP-15	G:			MCC:	KRAUSE, Joern			
	history (event, available, version,								
	RP-15 25/03/2002							get it	remarks - general:
									remarks - this release: .
<hr/>									
TS 25.413	UTRAN Iu interface RANAP signalling								
Rel-5	current version: 5.1.0	WG (prime / other):	R3	/ -	rapporteur:	JUSSILA, Jyrki	NOKIA Corporation		
	freeze_meeting: RP-15	G:			MCC:	KRAUSE, Joern			
	history (event, available, version,								
	RP-15 02/04/2002							get it	remarks - general:
	RP-16 05/07/2002							get it	remarks - this release: .
<hr/>									
TS 25.414	UTRAN Iu interface data transport & transport signalling								
Rel-5	current version: 5.1.0	WG (prime / other):	R3	/ -	rapporteur:	COMSTOCK, David	Telefon AB LM Ericsson		
	freeze_meeting: RP-15	G:			MCC:	KRAUSE, Joern			
	history (event, available, version,								
	RP-15 02/04/2002							get it	remarks - general:
	RP-16 28/06/2002							get it	remarks - this release: .
<hr/>									
TS 25.415	UTRAN Iu interface user plane protocols								
Rel-5	current version: 5.1.0	WG (prime / other):	R3	/ -	rapporteur:	MAUPIN, Alain	Telefon AB LM Ericsson		
	freeze_meeting: RP-15	G:			MCC:	KRAUSE, Joern			
	history (event, available, version,								
	RP-15 25/03/2002							get it	remarks - general:
	RP-16 28/06/2002							get it	remarks - this release: .

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TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)								
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	TAYLOR, Carolyn	Motorola Inc.			
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern				
	history (event, available, version,								
	TP-15 25/03/2002						get it	remarks - general:	
	RP-16 28/06/2002						get it	remarks - this release:	.
TS 25.420	UTRAN Iur Interface: General Aspects and Principles								
Rel-5	current version: 5.0.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited			
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern				
	history (event, available, version,								
	RP-15 02/04/2002						get it	remarks - general:	
								remarks - this release:	.
TS 25.421	UTRAN Iur interface Layer 1								
Rel-5	current version: 5.0.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG			
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern				
	history (event, available, version,								
	TP-15 25/03/2002						get it	remarks - general:	
								remarks - this release:	.
TS 25.422	UTRAN Iur interface signalling transport								
Rel-5	current version: 5.0.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited			
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern				
	history (event, available, version,								
	RP-15 02/04/2002						get it	remarks - general:	
								remarks - this release:	.
TS 25.423	UTRAN Iur interface RNSAP signalling								
Rel-5	current version: 5.2.0	WG (prime / other):	R3 / -	rapporteur:	RUNE, Göran	Ericsson AB			
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern				
	history (event, available, version,								
	RP-15 02/04/2002						get it	remarks - general:	
	RP-16 19/07/2002						get it	remarks - this release:	.
	PCG post RP-16 06/08/2002						get it		

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

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TS 25.424	UTRAN Iur interface data transport & transport signalling for CCH data streams						
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	DREVON, Nicolas	ALCATEL S.A.	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002		5 . 0 . 0	get it	remarks - general:		
	RP-16 28/06/2002		5 . 1 . 0	get it	remarks - this release: .		
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams						
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	DREVON, Nicolas	ALCATEL S.A.	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002		5 . 0 . 0	get it	remarks - general:		
	RP-16 28/06/2002		5 . 1 . 0	get it	remarks - this release: .		
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	KEKKI, Sami	NOKIA Corporation	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 02/04/2002		5 . 0 . 0	get it	remarks - general:		
	RP-16 28/06/2002		5 . 1 . 0	get it	remarks - this release: .		
TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams						
Rel-5	current version: 5.0.0	WG (prime / other):	R3 / -	rapporteur:	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 25/03/2002		5 . 0 . 0	get it	remarks - general:		
					remarks - this release: .		
TS 25.430	UTRAN Iub Interface: General Aspects and Principles						
Rel-5	current version: 5.1.0	WG (prime / other):	R3 / -	rapporteur:	WILSON, Mick	FUJITSU Laboratories of Europe Limited	
	freeze_meeting: RP-15	G:	U: yes	MCC:	KRAUSE, Joern		
	history (event, available, version,						
	RP-15 25/03/2002		5 . 0 . 0	get it	remarks - general:		
	edito post RP-15		5 . 0 . 1		remarks - this release: .		not produced
	RP-16 28/06/2002		5 . 1 . 0	get it			To include CR029r2 from RP-15 which was forgotten in v5.0.0.

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

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TS 25.431	UTRAN lub 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			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
TS 25.432	UTRAN lub interface: signalling transport								
Rel-5	<i>current version:</i> 5.0.1								
	<i>freeze_meeting:</i> RP-15								
<i>history (event, available, version,</i>									
	RP-15 25/03/2002	5	.	0	.	0			
edito post	RP-15 03/04/2002	5	.	0	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
TS 25.433	UTRAN lub interface NBAP signalling								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
<i>history (event, available, version,</i>									
	RP-15 04/04/2002	5	.	0	.	0			
	RP-16 19/07/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
TS 25.434	UTRAN lub interface data transport & transport signalling for CCH data streams								
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>	
							get it	<i>remarks - this release:</i>	.
TS 25.435	UTRAN lub interface user plane protocols for CCH data streams								
Rel-5	<i>current version:</i> 5.1.0								
	<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>	
							get it	<i>remarks - this release:</i>	.

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TS 25.442	UTRAN implementation-specific O&M transport					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-15					
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	RP-15 28/03/2002	5 . 0 . 0				get it <i>remarks - general:</i>
	edito post RP-15	5 . 0 . 1				<i>remarks - this release:</i> .
		(not supplied - use v5.0.0)				
<hr/>						
TS 25.450	UTRAN lupc interface general aspects and principles					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong		Qualcomm Inc
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-12	2 . 0 . 0				<i>remarks - general:</i>
	RP-12 05/07/2001	5 . 0 . 0				get it <i>remarks - this release:</i> .
	RP-14 11/01/2002	5 . 1 . 0				get it
<hr/>						
TS 25.451	UTRAN lupc interface layer 1					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong		Qualcomm Inc
	<i>freeze_meeting:</i> RP-15		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-12	2 . 0 . 0				<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>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-13 26/09/2001	2 . 0 . 0				get it <i>remarks - general:</i>
	RP-13 12/10/2001	5 . 0 . 0				get it <i>remarks - this release:</i> .

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TS 25.453	UTRAN Iu-PS interface Positioning Calculation Application Part (PCAP) signalling					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R3 /	<i>rapporteur:</i>	LIN, Ie-Hong	Qualcomm Inc
	<i>freeze_meeting:</i> RP-15	G:	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				<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	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu	
	<i>history (event, available, version,</i>					
	RP-13 01/10/2001	1 . 0 . 0	RP-010647			<i>remarks - general:</i>
	RP-11 05/04/2001	1 . 0 . 0	RP-010428 at RP-12			<i>remarks - this release:</i>
	RP-14 02/01/2002	2 . 0 . 0	RP-010826			get it
	RP-14 11/01/2002	5 . 0 . 0				get it
<hr/>						
TR 25.856	High Speed Downlink Packet Access (HSDPA); Layer 2 and 3 aspects					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	R2 /	<i>rapporteur:</i>	KUCHIBHOTLA, Ravi	MOTOROLA Ltd
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
<hr/>						
TR 25.857	UE positioning enhancements					
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	R2 /	<i>rapporteur:</i>	BECKMANN, Mark	SIEMENS AG
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version,</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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TR 25.858	Physical layer aspects of UTRA High Speed Downlink Packet Access								
Rel-5	current version: 5.0.0	WG (prime / other):	R1 / -	rapporteur:	GHOSH, Amitabha	Motorola Inc.			
	freeze_meeting: RP-15	G:	U: yes	MCC:	IKEDA, Shinobu				
history (event, available, version,									
	RP-14 02/01/2002	1 . 0 . 0				RP-010823	get it	remarks - general:	
	RP-15 04/04/2002	2 . 0 . 0				RP-020255	get it	remarks - this release: .	
	RP-15 29/03/2002	5 . 0 . 0					get it		
<hr/>									
TR 25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD								
Rel-5	current version: 5.0.0	WG (prime / other):	R2 /	rapporteur:	,				
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
history (event, available, version,									
	draft	0 . 0 . 0						remarks - general:	
	draft 04/09/2001	0 . 1 . 0					get it	remarks - this release: .	
	RP-13 02/10/2001	1 . 0 . 1				RP-010560	get it		
	RP-15 19/03/2002	2 . 0 . 0				RP-020089	get it		
	RP-15 19/03/2002	2 . 0 . 1				RP-020214	get it		
	RP-15 19/03/2002	5 . 0 . 0					get it		
<hr/>									
TR 25.860	Radio access bearer support enhancements								
Rel-5	current version: 5.0.0	WG (prime / other):	R2 / -	rapporteur:	MIKOLA, Juha	NOKIA Corporation			
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
history (event, available, version,									
	RP-15 19/03/2002	1 . 0 . 0				RP-020087	get it	remarks - general:	
	RP-16 25/06/2002	2 . 0 . 0				RP-020344	get it	remarks - this release: .	
	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	current version: 1.0.0	DRAFT	WG (prime / other):	R4 /	rapporteur:	MATARASSO, Carlo	TEKMAR Sistemi Srl		
	freeze_meeting: RP-15		G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar			
history (event, available, version,									
	RP-14 02/01/2002	1 . 0 . 0				RP-010794	get it	remarks - general:	
								remarks - this release: .	

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TR 25.868	Node B synchronization for 1,28 Mcps TDD					
Rel-5	current version: 5.0.1		WG (prime / other): R1 / -	rapporteur: HU, Jinling	CATT	
	freeze_meeting: RP-15		G: U: yes	MCC: IKEDA, Shinobu		
	history (event, available, version,					
	RP-13 01/10/2001 1 . 0 . 0	RP-010668	get it	remarks - general:		
	RP-14 02/01/2002 1 . 1 . 0	RP-010898	get it	remarks - this release: .		
	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					
TR 25.869	Transmitter diversity solutions for multiple antennas					
Rel-5	current version: 1.0.2	DRAFT	WG (prime / other): R1 / -	rapporteur: KIM, Sung-Jin	Samsung Electronics Ind. Co., Ltd.	
	freeze_meeting: RP-15		G: U: yes	MCC: IKEDA, Shinobu		
	history (event, available, version,					
	RP-12 28/06/2001 1 . 0 . 0	RP-010344	get it	remarks - general:		
	RP-13 01/10/2001 1 . 0 . 1	RP-010637	get it	remarks - this release: .		
	RP-15 19/03/2002 1 . 0 . 2	RP-020130	get it			
TR 25.870	Enhancement on the DSCH Hard Split mode					
Rel-5	current version: 5.0.0		WG (prime / other): R1 /	rapporteur: KIM, Jaeyoel	Samsung Electronics Ind. Co., Ltd.	
	freeze_meeting: RP-15		G: U: yes	MCC: IKEDA, Shinobu		
	history (event, available, version,					
	RP-12 28/06/2001 0 . 1 . 0	RP-010420	get it	remarks - general:		
	draft 14/09/2001 1 . 0 . 0	RP-010534	get it	remarks - this release: .		
	RP-14 02/01/2002 1 . 1 . 0	RP-010841	get it			
	RP-15 19/03/2002 2 . 0 . 0	RP-020127	get it			
	RP-15 29/03/2002 5 . 0 . 0		get it			
TR 25.875	NAS node selector function					
Rel-5	current version: 5.0.0		WG (prime / other): R3 /	rapporteur: MCWILLIAMS, Brendan	VODAFONE Group Plc	
	freeze_meeting: RP-15		G: U: yes	MCC: KRAUSE, Joern		
	history (event, available, version,					
	RP-11 06/04/2001 0 . 0 . 1		get it	remarks - general:		
	RP-14 02/01/2002 1 . 0 . 0	RP-010881	get it	remarks - this release:		
	RP-15 19/03/2002 2 . 0 . 0	RP-020153	get it			
	RP-15 25/03/2002 5 . 0 . 0		get it			

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TR 25.876 Multiple-Input Multiple-Output Antenna Processing for HSDPA
Rel-5 *current version:* 1.1.0 DRAFT WG (prime / other): R1 / rapporteur: HUANG, Howard Lucent Technologies
freeze_meeting: RP-15 G: U: yes MCC: IKEDA, Shinobu
history (event, available, version,
RP-14 02/01/2002 1 . 0 . 0 RP-010796 [get it](#) *remarks - general:*
RP-15 31/07/2002 1 . 1 . 0 RP-020240 [get it](#) *remarks - this release:* .

TR 25.877 High Speed Downlink Packet Access (HSDPA) - lub/lur Protocol Aspects
Rel-5 *current version:* 5.1.0 WG (prime / other): R3 / rapporteur: DIESEN, Michael MOTOROLA Ltd
freeze_meeting: RP-15 G: U: yes MCC: KRAUSE, Joern
history (event, available, version,
draft 12/10/2001 0 . 1 . 0 [get it](#) *remarks - general:*
draft 07/11/2001 0 . 2 . 2 [get it](#) *remarks - this release:* .
draft 02/01/2002 0 . 3 . 1 [get it](#)
RP-15 28/02/2002 1 . 0 . 0 R3-020891 = RP-020157 [get it](#)
RP-15 28/02/2002 2 . 0 . 0 R3-020892 = RP-020158 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)
RP-16 28/06/2002 5 . 1 . 0 [get it](#)

TR 25.878 RL timing adjustment
Rel-5 *current version:* 5.1.0 WG (prime / other): R3 / rapporteur: VOLTOLINA, Elena Ericsson AB
freeze_meeting: RP-15 G: U: yes MCC: KRAUSE, Joern
history (event, available, version,
R3-23 11/01/2002 0 . 2 . 0 awaiting input from RAN1 & RAN2. [get it](#) *remarks - general:*
RP-15 19/03/2002 1 . 0 . 0 RP-020139 [get it](#) *remarks - this release:* .
RP-15 19/03/2002 2 . 0 . 0 RP-020140 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)
RP-16 28/06/2002 5 . 1 . 0 [get it](#)

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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,
R3-23 0 . 2 . 0 Status report in RP-010608. *remarks - general:*
draft 03/12/2001 0 . 3 . 0 [get it](#) *remarks - this release:* .
draft 03/12/2001 0 . 3 . 1 [get it](#)
RP-15 19/03/2002 1 . 0 . 0 RP-020142 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020143 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

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

TS 25.880 Traffic termination point swapping

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,
R3-23 0 . 1 . 0 RP-010609 *remarks - general:*
draft 11/01/2002 0 . 3 . 0 [get it](#) *remarks - this release:* .
RP-15 19/03/2002 1 . 0 . 0 RP-020145 [get it](#)
RP-15 19/03/2002 2 . 0 . 0 RP-020146 [get it](#)
RP-15 25/03/2002 5 . 0 . 0 [get it](#)

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

TR 25.881 Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS

Rel-5 *current version:* 5.0.0
freeze_meeting: RP-15
history (event, available, version,
R3-23 0 . 2 . 0 Status report in RP-010611 *remarks - general:*
draft 0 . 4 . 0 *remarks - this release:* .
draft 0 . 4 . 1 04/12/2001
RP-14 02/01/2002 1 . 0 . 0 RP-010922 [get it](#)
RP-14 02/01/2002 2 . 0 . 0 RP-010923 [get it](#)
RP-14 09/01/2002 5 . 0 . 0 [get it](#)

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

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

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TR 25.882	1,28 Mcps TDD option base station classification								
Rel-5	current version: 5.0.0		WG (prime / other): R4 /		rapporteur: MEYER, Juergen	SIEMENS AG			
	freeze_meeting: RP-15		G: U: yes		MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-13 01/10/2001	1 . 0 . 0		get it	remarks - general:				
	RP-14 02/01/2002	1 . 1 . 0		get it	remarks - this release: .				
	RP-16 25/06/2002	2 . 0 . 0		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	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: VAN LIESHOUT,	ERICSSON EUROLAB NETHERLANDS BV			
	freeze_meeting: RP-16		G: U: yes		MCC: KRAUSE, Joern				
	history (event, available, version,								
	draft 03/12/2001	0 . 2 . 0		get it	remarks - general:				
	RP-16 25/06/2002	1 . 0 . 0		get it	remarks - this release: .				
	RP-16 25/06/2002	2 . 0 . 0		get it					
	RP-16 25/06/2002	2 . 0 . 1		get it					
	RP-16 28/06/2002	5 . 0 . 0		get it					
<hr/>									
TR 25.884	Iur Neighbouring cell reporting efficiency optimisation								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: VOLTOLINA, Elena	Ericsson AB			
	freeze_meeting: NP-16		G: U: yes		MCC: KRAUSE, Joern				
	history (event, available, version,								
	referred to at 11/01/2002	0 . 1 . 0		get it	remarks - general: Previous rapporteur: Shahrokh Amirijoo.				
	RP-13				remarks - this release: .				
	RP-15 19/03/2002	1 . 0 . 0		get it					
	RP-15 19/03/2002	2 . 0 . 0		get it					
	RP-15 02/04/2002	5 . 0 . 0		get it					
<hr/>									
TR 25.885	UMTS 1800 / 1900 MHz work items report								
Rel-5	current version: 1.0.0	DRAFT	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		get it	remarks - general:				
					remarks - this release: .				

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TR 25.886 Small technical enhancements and improvements work item

Rel-5 *current version:* none WG (prime / other): R4 / *rapporteur:* KWAK, Joe Golden Bridge Technology Inc.
freeze_meeting: RP-15 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

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:* none WG (prime / other): R1 / - *rapporteur:* LI, Xiaoqiang SAMSUNG Electronics Research Institute
freeze_meeting: RP-16 G: U: yes *MCC:* IKEDA, Shinobu
history (event, available, version,

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

TR 25.893 Radio access bearer scenarios

Rel-5 *current version:* none WG (prime / other): R2 / - *rapporteur:* MIKOLA, Juha NOKIA Corporation
freeze_meeting: RP-19 G: U: yes *MCC:* ARZELIER, Claude
history (event, available, version,

remarks - general:
remarks - this release: .

TR 25.921 Guidelines and principles for protocol description and error handling

Rel-5 *current version:* 5.0.0 WG (prime / other): R2 / - *rapporteur:* KALLA, Gairn NOKIA UK Ltd
freeze_meeting: RP-15 G: U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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TR 25.922	Radio Resource Management Strategies	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: BULDORINI, Andrea MCC: ARZELIER, Claude	Telecom Italia Lab S.p.A.	get it remarks - general: remarks - this release: .
TR 25.931	UTRAN Functions, examples on signalling procedures	Rel-5 current version: 5.1.0 freeze_meeting: RP-15 history (event, available, version, RP-15 02/04/2002 5 . 0 . 0 RP-16 28/06/2002 5 . 1 . 0	WG (prime / other): R3 / - G: U: yes	rappporteur: CASALINO, Francesco MCC: KRAUSE, Joern	TELECOM ITALIA S.p.A.	get it remarks - general: get it remarks - this release: .
TR 25.933	IP transport in UTRAN	Rel-5 current version: 5.1.0 freeze_meeting: RP-15 history (event, available, version, RP-15 28/03/2002 5 . 0 . 0 RP-16 28/06/2002 5 . 1 . 0	WG (prime / other): R3 / - G: U: yes	rappporteur: DREVON, Nicolas MCC: KRAUSE, Joern	ALCATEL S.A.	get it remarks - general: get it remarks - this release: 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
TR 25.942	RF system scenarios	Rel-5 current version: 5.1.0 freeze_meeting: RP-15 history (event, available, version, RP-15 02/04/2002 5 . 0 . 0 RP-16 03/07/2002 5 . 1 . 0	WG (prime / other): R4 / - G: U: yes	rappporteur: BENABDALLAH, Nadia MCC: GUTIERREZ MIGUELEZ, Cesar	Vodafone Omnitel SpA	get it remarks - general: Additional rapporteur = A.De Pasquale. get it remarks - this release: .
TR 25.943	Deployment aspects	Rel-5 current version: 5.1.0 freeze_meeting: RP-15 history (event, available, version, RP-15 02/04/2002 5 . 0 . 0 edito 03/05/2002 5 . 0 . 1 RP-16 03/07/2002 5 . 1 . 0	WG (prime / other): R4 / - G: U: yes	rappporteur: SKÖLD, Johan MCC: GUTIERREZ MIGUELEZ, Cesar	Telefon AB LM Ericsson	get it remarks - general: get it remarks - this release: . get it

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

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 / - *rapporteur:* ZHANG, Daijun CATT
 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
[get it](#) *remarks - general:*
remarks - this release: .

TR 25.951 Base Station classification (FDD)
 Rel-5 *current version:* 1.1.0 *freeze_meeting:* RP-16 *history (event, available, version, RP-13 01/10/2001 1 . 1 . 0)* DRAFT moved from Rel-4
 WG (*prime / other*): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
 G: U: yes *MCC:* Tuomo 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 29/06/2001 5 . 0 . 0 RP-12 03/07/2002 5 . 1 . 0)* RP-010457
 WG (*prime / other*): R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
 G: U: yes *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 / - *rapporteur:* GARCIA LOPEZ, Lorena TELEFONICA DE ESPAÑA SA
 G: U: yes *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-15 19/03/2002 2 . 0 . 0 RP-15 02/04/2002 5 . 0 . 0)*
 WG (*prime / other*): R4 / - *rapporteur:* MOSHAVI, Shimon Intel Corporation
 G: U: yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)

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

TS 26.071 AMR speech Codec; General description

Rel-5 *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
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

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

TS 26.073 AMR speech Codec; C-source code

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

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

Telefon AB LM Ericsson

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

TS 26.074 AMR speech Codec; Test sequences

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

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

Telefon AB LM Ericsson

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

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

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

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

ETSI Secretariat

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

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TS 26.090	AMR speech Codec; Transcoding Functions								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 26.091	AMR speech Codec; Error concealment of lost frames								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 26.093	AMR speech Codec; 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-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 26.094	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		ETSI Secretariat		
	<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 26.101	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	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .				
TS 26.102	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	<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> .				
TS 26.103	Speech codec list for GSM and UMTS								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl						Telefon AB LM Ericsson
	<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-11 10/04/2001 5 . 0 . 0 SP-15 28/03/2002 5 . 1 . 0 SP-16 28/06/2002 5 . 2 . 0			get it	<i>remarks - general:</i> New after TSG#5 <i>remarks - this release:</i>				
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						ETSI Secretariat
	<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> .				
TS 26.110	Codec for circuit switched multimedia telephony service; General description								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> ARONSON, Barry						TOSHIBA CO
	<i>freeze_meeting:</i> SP-16	<i>G:</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> .				

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TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</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	ETSI Secretariat			
	<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 26.131	Terminal acoustic characteristics for telephony; Requirements								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.			
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>									
SP-11	10/04/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
SP-13	02/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	GOETZ, Ian	TELLABS OPERATIONS INC.			
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>									
SP-11	10/04/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
SP-13	02/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
SP-15	28/03/2002	5 . 2 . 0		get it					
<hr/>									
TS 26.140	Multimedia Messaging Service (MMS); Media formats and codes								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / T2	<i>rapporteur:</i>	CASTAGNO, Roberto	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>									
SP-14	02/01/2002	1 . 0 . 0	SP-010695	get it	<i>remarks - general:</i>				
SP-15	19/03/2002	2 . 0 . 0	SP-020075	get it	<i>remarks - this release:</i> .				
SP-15	28/03/2002	5 . 0 . 0		get it					
SP-16	28/06/2002	5 . 1 . 0		get it					

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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:*

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:* 2001-10-01: added "G" flag.
SP-12 27/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

TS 26.174 AMR speech codec, wideband; Test sequences

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-12 27/06/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

TS 26.190 Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Transcoding functions

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT, Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-14 09/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:*

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

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>				

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	<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>				

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

TS 26.194	Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0		get it <i>remarks - general:</i>				
			<i>remarks - this release:</i>				

TS 26.201	AMR speech codec, wideband; Frame structure						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 5 . 0 . 0		get it <i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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TS 26.202	AMR speech codec, wideband; 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-15		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	draft	1 . 0 . 0						<i>remarks - general:</i>	
	SP-11 02/08/2002	2 . 0 . 0						<i>remarks - this release:</i>	SP-010091
	SP-11 10/04/2001	5 . 0 . 0							get it
									get it
<hr/>									
TS 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-14 02/01/2002	1 . 0 . 0						<i>remarks - general:</i>	SP-010693
	SP-15 19/03/2002	2 . 0 . 0						<i>remarks - this release:</i> .	SP-020073
	SP-15 28/03/2002	5 . 0 . 0							get it
									get it
									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	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	5 . 0 . 0						<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
									get it
<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	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001	5 . 0 . 0						<i>remarks - general:</i>	SP-16: in "GERAN" set.
	correct c-code 29/05/2001	5 . 0 . 1						<i>remarks - this release:</i>	TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4
									get it
									get it
<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	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</i>								
	SP-10 21/12/2000	1 . 0 . 0						<i>remarks - general:</i>	SP-16: in "GERAN" set.
	SP-11 10/04/2001	5 . 0 . 0						<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
									get it

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TS 26.233	End-to-end transparent streaming service; General description									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HONKO, Harri	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version,</i>									
	SP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>					
					<i>remarks - this release:</i>					
<hr/>										
TS 26.234	End-to-end transparent streaming service; Protocols and codecs									
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	NOHLGREN, Anders	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-15	G: U: yes		<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version,</i>									
	SP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>					
	SP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>					
<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	G: yes U: yes		<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version,</i>									
	SP-12 27/06/2001	5 . 0 . 0	based on v4.1.0	get it	<i>remarks - general:</i>					
	SP-15 28/03/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	SP-12: transferred to Rel-5.				
<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	G: U: yes		<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version,</i>									
	SP-14 02/01/2002	1 . 0 . 0	SP-010694	get it	<i>remarks - general:</i>					
	SP-15 19/03/2002	2 . 0 . 0	SP-020074	get it	<i>remarks - this release:</i>					
	SP-15 28/03/2002	5 . 0 . 0		get it						
<hr/>										
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide									
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HAAVISTO, Petri	Nokia Research Center				
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	USAI, Paolino					
	<i>history (event, available, version,</i>									
	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>					
					<i>remarks - this release:</i>					
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TR 26.937 Transparent end-to-end packet switched streaming service (PSS); RTP usage model
Rel-5 *current version:* 0.1.0 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VARSA, Viktor Nokia Telecommunications Inc.
freeze_meeting: tbd *G:* *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
S4-19 16/01/2002 0 . 1 . 0 S4-010679 [get it](#) *remarks - general:*
remarks - this release: .

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:* 0.6.0 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](#)

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:* 5.2.0 *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](#)

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Server ACTIVE specs Rel-5 27 .- series
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TS 27.002	Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i> NP-14 11/01/2002 5 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WIJK, Rune Werner	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i> NP-14 11/01/2002 5 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 27.005	Use of Data Terminal Equipment - Data Circuit terminating Equipment (DTE-DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS)				
Rel-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 25/06/2002 5 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>					
TS 27.007	AT command set for 3G User Equipment (UE)				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i> TP-14 15/01/2002 5 . 0 . 0 TP-15 04/04/2002 5 . 1 . 0				get it <i>remarks - general:</i> get it <i>remarks - this release:</i> .
<hr/>					
TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute	
	<i>freeze_meeting:</i> TP-15	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i> TP-16 26/06/2002 5 . 0 . 0				get it <i>remarks - general:</i> <i>remarks - this release:</i> .

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TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> WILD, Johanna		MOTOROLA Ltd		
	<i>freeze_meeting:</i> NP-15		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i> GPRS				
	NP-16 24/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
<hr/>									
TS 27.103	Wide Area Network Synchronization								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> CHAU, Alan		NOKIA UK Ltd		
	<i>freeze_meeting:</i> TP-15		<i>G:</i> yes <i>U:</i> 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 27.104	vObjects and other constructs for data synchronization								
Rel-5	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> LOCKHART, Rob		Motorola Inc.		
	<i>freeze_meeting:</i> TP-15		<i>G:</i> <i>U:</i> yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-10 05/01/2001	0 . 1 . 1 SP-000657		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>WG (prime / other):</i> T2 /		<i>rapporteur:</i> LOCKHART, Rob		Motorola Inc.		
	<i>freeze_meeting:</i> TP-16		<i>G:</i> <i>U:</i> 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 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>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> REX, Thomas		ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> TP-15		<i>G:</i> <i>U:</i> 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> .				
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Rel-5 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paulino
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:* .

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:* 5.2.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald 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](#)

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:* 5.2.0 *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](#)

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) 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)
remarks - this release: .

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TS 29.011	Signalling Interworking for Supplementary Services					
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002	5	.	0	.	0
		get it		remarks - general:		
				remarks - this release:		.
<hr/>						
TS 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	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-16 25/06/2002	5	.	0	.	0
		get it		remarks - general:	Transfer>TSG#4	
				remarks - this release:		.
<hr/>						
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification					
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	JORGENSEN, Per Johan	
history (event, available, version,	NP-16 26/06/2002	5	.	0	.	0
		get it		remarks - general:		
				remarks - this release:		.
<hr/>						
TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification					
Rel-5	current version: 5.2.0	WG (prime / other):	N1 / -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	JORGENSEN, Per Johan	
history (event, available, version,	NP-14 04/01/2002	5	.	0	.	0
	NP-15 19/03/2002	5	.	1	.	0
	NP-16 26/06/2002	5	.	2	.	0
		get it		remarks - general:		
		get it		remarks - this release:		.
		get it				
<hr/>						
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface					
Rel-5	current version: 5.2.0	WG (prime / other):	N4 / -	rapporteur:	YOUNG, Michael	MOTOROLA Ltd
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-14 11/01/2002	5	.	0	.	0
	NP-14 editorial 18/01/2002	5	.	0	.	1
	NP-15 28/03/2002	5	.	1	.	0
	NP-16 21/06/2002	5	.	2	.	0
		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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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> 5.2.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> NP-17	G: yes U: 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							
<hr/>									
TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson					
	<i>freeze_meeting:</i> NP-16	G: yes U: 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						
			<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	G: U: yes	<i>MCC:</i> KRAUSE, Joern						
	<i>history (event, available, version,</i>								
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> 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	G: 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	G: 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:* 5.0.0 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:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 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:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 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:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 WG (prime / other): N5 / rapporteur: BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-16 G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,
NP-16 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 2: Generic call control data SCF									
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.					
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,	NP-16 19/07/2002	5 . 0 . 0	get it	remarks - general:					
				remarks - this release: .					
<hr/>									
TS 29.198-04- Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control; Subpart 3: Multi-party call control data SCF									
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.					
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,	NP-16 19/07/2002	5 . 0 . 0	get it	remarks - general:					
				remarks - this release: .					
<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	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: BAKKER, John-Luc	Telcordia Technologies, Inc.					
	freeze_meeting: NP-16	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,	NP-16 19/07/2002	5 . 0 . 0	get it	remarks - general:					
				remarks - this release: .					
<hr/>									
TS 29.198-05 Open Service Access (OSA) Application Programming Interface (API); Part 5: Generic user interaction									
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: MCQUILLAN, Laura	LOGICA ALDISCON					
	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:					
				remarks - this release: .					
<hr/>									
TS 29.198-06 Open Service Access (OSA) Application Programming Interface (API); Part 6: Mobility									
Rel-5	current version: 5.0.0	WG (prime / other): N5 /	rapporteur: TWEEDIE, David	NORTEL NETWORKS (EUROPE)					
	freeze_meeting: NP-15	G: U: yes	MCC: ZOICAS, Adrian						
history (event, available, version,	NP-16 26/06/2002	5 . 0 . 0	get it	remarks - general:					
				remarks - this release: .					

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

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N5 / *rapporteur:* SAARENPA, Matti NOKIA Corporation
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-15 27/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-16 26/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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

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 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* SCHILDERS, Koen Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *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 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](#)

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* VENKATESH, Guda Teltier Technologies
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 31/05/2002 2 . 0 . 0 NP-020196 [get it](#) *remarks - this release:* .
NP-16 17/06/2002 5 . 0 . 0 [get it](#)

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

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

TS 29.207 Policy control over Go interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.
freeze_meeting: NP-16 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
draft 08/11/2001 0 . 2 . 0 [get it](#) *remarks - general:* NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".
draft 14/01/2002 0 . 5 . 0 [get it](#) *remarks - this release:* .
draft 18/02/2002 0 . 6 . 0 [get it](#)
NP-15 19/03/2002 1 . 0 . 0 NP-020078 [get it](#)
draft 18/04/2002 1 . 1 . 0 [get it](#)
NP-16 26/06/2002 2 . 0 . 0 NP-020167 (RFC ref needs cleaning) [get it](#)
NP-16 28/06/2002 5 . 0 . 0 [get it](#)

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N3 / *rapporteur:* YOKOTA, Daisuke Lucent Technologies Japan Ltd.
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,
draft 08/11/2001 0 . 1 . 0 [get it](#) *remarks - general:*
draft 14/01/2002 0 . 2 . 0 [get it](#) *remarks - this release:* .
draft 18/02/2002 0 . 3 . 1 [get it](#)
NP-15 19/03/2002 1 . 0 . 0 NP-020079 [get it](#)
draft 18/04/2002 1 . 1 . 0 [get it](#)
NP-16 26/06/2002 2 . 0 . 0 NP-020166 [get it](#)
NP-16 28/06/2002 5 . 0 . 0 [get it](#)

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / *rapporteur:* CZOMA, Balazs SIEMENS AG
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 [get it](#) *remarks - general:* Additional rapporteur: Miguel-Angel Pallares-Lopez
N4-08 0 . 2 . 0 N4-010697 *remarks - this release:* .
N4-09 0 . 3 . 0 N4-010837
N4-11 0 . 4 . 0 N4-011295
draft 0 . 5 . 0 N4-01407
NP-14 02/01/2002 1 . 0 . 0 NP-010627 [get it](#)
draft 28/03/2002 1 . 1 . 0 [get it](#)
NP-16 25/06/2002 2 . 0 . 0 NP-020264 [get it](#)
NP-16 25/06/2002 5 . 0 . 0 [get it](#)

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TS 29.229	Cx and Dx interfaces based on the Diameter protocol; Protocol details								
Rel-5	current version: 5.0.0		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			remarks - general:	2nd rapporteur: CZOMA, Balazs.		
	N4-10	0 . 2 . 0	N4-011064			remarks - this release:	.		
	N4-11	0 . 3 . 0	N4-011296						
	N4-11	0 . 4 . 0	N4-011408						
	NP-14 02/01/2002	1 . 0 . 0	NP-010628						get it
	draft 28/03/2002	1 . 1 . 0							get it
	NP-16 26/06/2002	2 . 0 . 0	NP-020265						get it
	NP-16 25/06/2002	5 . 0 . 0							get it
TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3								
Rel-5	current version: 5.2.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD				
	freeze_meeting: NP-15		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	NP-14 11/01/2002	5 . 0 . 0				remarks - general:	Additional rapporteur: Laura.Pomponi@CSELT.IT		
	NP-14 editorial 18/01/2002	5 . 0 . 1				remarks - this release:	.		
	NP-15 28/03/2002	5 . 1 . 0							get it
	NP-16 21/06/2002	5 . 2 . 0							get it
TS 29.240	3GPP generic user profile requirements; Stage 3; Network								
Rel-5	current version: none		WG (prime / other): N4 /	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat				
	freeze_meeting: NP-16		G: U: yes	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
						remarks - general:	Cf work item 'Generic user profile' - may be renumbered to 27.241		
						remarks - this release:	.		
TS 29.278	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)								
Rel-5	current version: 0.1.0	DRAFT	WG (prime / other): N2 / -	rapporteur: REMOQUILLO, Angelica	Lucent Technologies				
	freeze_meeting: NP-17		G: yes U: yes	MCC: JURISIC, Andrijana					
	history (event, available, version,								
	N2-25	0 . 1 . 0				remarks - general:	NP-16 Existence hinted at in N2 report. Draft believed to have been seen at N2.		
						remarks - this release:	TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.		

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TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	BERRY, Nigel. H	Lucent Technologies Network Systems UK			
	freeze_meeting: NP-16	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-16 26/06/2002	2 . 0 . 0	NP-020277	get it	remarks - general:				
	NP-16 25/06/2002	5 . 0 . 0		get it	remarks - this release: .				
<hr/>									
TS 29.329	Sh interface based on the Diameter protocol								
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	BERRY, Nigel. H	Lucent Technologies Network Systems UK			
	freeze_meeting: NP-16	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-16 26/06/2002	2 . 0 . 1	NP-020266	get it	remarks - general:				
	NP-16 25/06/2002	5 . 0 . 0		get it	remarks - this release: .				
<hr/>									
TS 29.414	Core network Nb data transport and transport signalling								
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	BELLING, Thomas	SIEMENS AG			
	freeze_meeting: NP-15	G:	U: yes	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	NP-15 20/03/2002	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				
<hr/>									
TS 29.415	Core network Nb interface user plane protocols								
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	SANDERS, David	VODAFONE Group Plc			
	freeze_meeting: NP-15	G:	U: yes	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	NP-15 20/03/2002	5 . 0 . 0		get it	remarks - general:				
					remarks - this release:				

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

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	G: U: yes	MCC: KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-12 04/07/2001	0 . 0 . 1	2001-03		<i>remarks - general:</i> Supersedes 29.203.
	N4-08	0 . 1 . 1	NP-010361	get it	<i>remarks - this release:</i> NP-11:creation Supersedes 29.203
	N4-09	0 . 2 . 0			
	N4-10	0 . 3 . 0			
	N4-10	0 . 3 . 1			
	NP-14 02/01/2002	2 . 0 . 0	NP-010633	get it	
	NP-14 10/01/2002	5 . 0 . 0		get it	

TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i> tbd	G: yes U: yes	MCC: ARZELIER, Claude		
	<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				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> tbd	G: yes U: yes	MCC: Peter Skov JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	NP-16 26/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
					<i>remarks - this release:</i> . 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	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	<i>freeze_meeting:</i> NP-15	G: U: yes	MCC: ZOICAS, Adrian		
	<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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http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rporteur:* 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 *5.0.0WG (prime / other):* N5 /- *rporteur:* 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](#)
draft 22/04/2002 1 . 0 . 0 [get it](#)
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](#)

remarks - general: Evidence for existence unearthed in N5-020143.
remarks - this release: .Was originally Rel-6, but moved to Rel 5 NP-15.

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 / *rporteur:* 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 / *rporteur:* 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 / *rporteur:* 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:

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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-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: .

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:

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

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Server ACTIVE specs Rel-5 31 .- series
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TS 31.102	Characteristics of the USIM Application								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HEIM, Christian				GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> TP-15			<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-15 28/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	
	TP-16 28/06/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
<hr/>									
TS 31.103	Characteristics of the ISIM application								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> ,				
	<i>freeze_meeting:</i> TP-16			<i>G:</i> yes <i>U:</i> yes	<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-020124
	TP-16 28/06/2002	5	.	0	.	0	get it	<i>remarks - this release:</i>	.
<hr/>									
TS 31.111	USIM Application Toolkit (USAT)								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian				ASPECTS Software Ltd
	<i>freeze_meeting:</i> TP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-15 28/03/2002	5	.	0	.	0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.
	TP-16 28/06/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
<hr/>									
TS 31.112	USAT Interpreter Architecture Description; Stage 2								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> ,				
	<i>freeze_meeting:</i> TP-15			<i>G:</i> U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-11 09/04/2001	1	.	0	.	0	get it	<i>remarks - general:</i>	
	TP-13 12/10/2001	2	.	0	.	0	get it	<i>remarks - this release:</i>	started life as Rel-4 draft, but ran out of time so ended up Rel-5.
	TP-13 12/10/2001	5	.	0	.	0	get it		
	TP-14 14/01/2002	5	.	1	.	0	get it		
	TP-16 19/06/2002	5	.	2	.	0	get it		

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TS 31.113	USAT interpreter byte codes				
Rel-5	current version: 5.3.0		WG (prime / other): T3 /	rapporteur:	
	freeze_meeting: TP-15		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				
	TP-11 09/04/2001 1 . 0 . 0		get it	remarks - general:	
	TP-13 12/10/2001 2 . 0 . 0	TP-010208	get it	remarks - this release:	started life as Rel-4 draft, but ran out of time so ended up Rel-5.
	TP-13 12/10/2001 5 . 0 . 0		get it		
	TP-14 14/01/2002 5 . 1 . 0		get it		
	TP-15 28/03/2002 5 . 2 . 0		get it		
	TP-16 19/06/2002 5 . 3 . 0		get it		

TS 31.114	USAT interpreter protocol and administration				
Rel-5	current version: 5.1.0		WG (prime / other): T3 /	rapporteur:	MEYER, Michael
	freeze_meeting: TP-15		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				GIESECKE & DEVRIENT GmbH
	TP-14 02/01/2002 1 . 0 . 0	TP-010248	get it	remarks - general:	
	TP-15 19/03/2002 1 . 5 . 1	TP-020030	get it	remarks - this release:	
	TP-15 19/03/2002 2 . 0 . 0	TP-020077	get it		
	TP-15 28/03/2002 5 . 0 . 0		get it		
	TP-16 19/06/2002 5 . 1 . 0		get it		

TS 31.131	C-language binding for (U)SIM API	DRAFT			
Rel-5	current version: 1.0.0		WG (prime / other): T3 /	rapporteur:	TON, Wim
	freeze_meeting: TP-16		G: U: yes	MCC:	DIETZE, Claus
	history (event, available, version,				ASPECTS Software Ltd
	TP-14 02/01/2002 1 . 0 . 0	TP-010249	get it	remarks - general:	
				remarks - this release:	.

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

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

TS 32.101 3G Telecom Management principles and high level requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 32.102 3G Telecom Management Architecture

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* BERGGREN, Tommy Telia Mobile AB
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
remarks - this release: .

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
remarks - this release: .

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
remarks - this release: .

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set								
Rel-5	current version: 5.1.0	WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson			
	freeze_meeting: SP-15	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
	SP-15 26/03/2002		5 . 0 . 0	get it	remarks - general:	TSG#8: split into 4 parts			
	SP-16 20/06/2002		5 . 1 . 0	get it	remarks - this release:	.			
TS 32.200	Telecommunication management; Charging management; Charging principles								
Rel-5	current version: 5.1.0	WG (prime / other):	S5 /	rapporteur:	AHLBÄCK, Hans	Telefon AB LM Ericsson			
	freeze_meeting: SP-17	G: yes	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
	SP-15 26/03/2002		5 . 0 . 0	get it	remarks - general:				
	SP-16 20/06/2002		5 . 1 . 0	get it	remarks - this release:	.			
TS 32.205	Telecommunication management; Charging management; 3G charging data description for the CS domain								
Rel-5	current version: 5.1.0	WG (prime / other):	S5 /	rapporteur:	BENDER, James	Nortel Networks (USA)			
	freeze_meeting: SP-15	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
	SP-15 27/03/2002		5 . 0 . 0	get it	remarks - general:				
	SP-16 20/06/2002		5 . 1 . 0	get it	remarks - this release:	.			
TS 32.215	Telecommunications management; Charging management; Charging data description for the Packet Switched (PS) domain								
Rel-5	current version: 5.1.0	WG (prime / other):	S5 /	rapporteur:	LEHNERT, Matthias	ALCATEL S.A.			
	freeze_meeting: SP-15	G:	U: yes	MCC:	ZOICAS, Adrian				
history (event, available, version,									
	SP-15 27/03/2002		5 . 0 . 0	get it	remarks - general:				
	SP-16 20/06/2002		5 . 1 . 0	get it	remarks - this release:	.			
TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)								
Rel-5	current version: 1.7.0	DRAFT	WG (prime / other):	S5 /	rapporteur:	SHARON, Ariel	Lucent Technologies Networks System GmbH		
	freeze_meeting: SP-17		G: yes	U: yes	MCC:	ZOICAS, Adrian			
history (event, available, version,									
	SP-15 19/03/2002	1 . 0 . 0	SP-020033	get it	remarks - general:				
	SP-16 17/06/2002	1 . 5 . 0	SP-020327	get it	remarks - this release:	.			
	draft 19/07/2002	1 . 7 . 0		get it					

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TS 32.235	Telecommunication management; Charging management; Charging data description for application services					
Rel-5	<i>current version:</i> none	<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>					
					<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> 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> Replaces 32.106-8 (pars)	
					<i>remarks - this release:</i> .	
<hr/>						
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> PIRT, Trevor	MOTOROLA Ltd		
	<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> .	
<hr/>						
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> .	
<hr/>						
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1					
Rel-5	<i>current version:</i> 5.0.0	<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> was 32.301-3	
					<i>remarks - this release:</i> .	

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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> TOVINGER, Thomas	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 . 0					get it	<i>remarks - general:</i>	was 32.112-1
								<i>remarks - this release:</i>	.

TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-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 32.112-2
								<i>remarks - this release:</i>	.

TS 32.321	Telecommunication management; Test management Integration Reference Point (IRP); Requirements								
Rel-5	<i>current version:</i> 2.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1 . 0 . 0	SP-020328				get it	<i>remarks - general:</i>	
	SP-17	2 . 0 . 0	SP-020456					<i>remarks - this release:</i>	.

TS 32.322	Telecommunication management; Test management Integration Reference Point (IRP); Information service								
Rel-5	<i>current version:</i> 2.0.0	DRAFT		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-18			G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1 . 0 . 0	SP-020328				get it	<i>remarks - general:</i>	
	SP-17	2 . 0 . 0	SP-020457					<i>remarks - this release:</i>	.

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

TS 32.323	Telecommunication management; Test management Integration Reference Point (IRP); Corba solution set								
Rel-5	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1 . 0 . 0	SP-020328	get it	<i>remarks - general:</i>				
	SP-17	2 . 0 . 0	SP-020458		<i>remarks - this release:</i>				
<hr/>									
TS 32.324	Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set								
Rel-5	<i>current version:</i> 2.0.0	DRAFT	<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-16 17/06/2002	1 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-17	2 . 0 . 0	SP-020459		<i>remarks - this release:</i>				
<hr/>									
TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.104 (pars)				
					<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> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-15		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-16 20/06/2002	5 . 0 . 0	WARNING: approved CRs 004, 005 &	get it	<i>remarks - general:</i> was 32.104 (pars)				
			006 accidentally not implemented!! (But		<i>remarks - this release:</i>				
			these CRs later withdrawn.)						
<hr/>									
TS 32.600	Telecommunication management; Configuration Management (CM); Configuration Management (CM); Concept and main requirements								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-17		<i>G:</i> yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i> Replaces 32.106 (pars).				
					<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 Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: was 32.601-1
remarks - this release: .

TS 32.602 Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information model
Rel-5 *current version:* none *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,
remarks - general: was 32.601-2
remarks - this release: .

TS 32.603 Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-17 *G: yes U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: was 32.601-3
remarks - this release: .

TS 32.604 Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) CMIP solution set
Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-17 *G: U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: was 32.601-4
remarks - this release: .

TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-16 *G: U: yes* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 21/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.602-1
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 32 .- series
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TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); 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-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<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> 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 32.602-3		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set				
Rel-5	<i>current version:</i> 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 32.602-4		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<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 32.602-5		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements				
Rel-5	<i>current version:</i> none	<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>				
			<i>remarks - general:</i> was 32.620-1		
			<i>remarks - this release:</i> .		

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TS 32.622	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson <i>G: yes U: yes</i> <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.620-2 <i>remarks - this release:</i> .

TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G: yes U: yes</i> <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.620-3 <i>remarks - this release:</i> .

TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson <i>G: yes U: yes</i> <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.620-4 <i>remarks - this release:</i> .

TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file
Rel-5	<i>current version:</i> format definition 1.0.0 NORTEL NETWORKS (EUROPE)
	<i>DRAFT</i> <i>WG (prime / other):</i> S5 <i>/ rapporteur:</i> BONNEAU, Frédéric
	<i>freeze_meeting:</i> SP-15 <i>history (event, available, version,</i>
	<i>G: yes U: yes</i> <i>MCC:</i> ZOICAS, Adrian
	SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars get it <i>remarks - general:</i> <i>remarks - this release:</i> .

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements
Rel-5	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> SP-16 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd <i>G: U: yes</i> <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.621-1 <i>remarks - this release:</i> .

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TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i> was 32.621-2	
			<i>remarks - this release:</i> .	

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version:</i> none	<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>			
			<i>remarks - general:</i> was 32.621-3	
			<i>remarks - this release:</i> .	

TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources 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: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i> was 32.621-4	
			<i>remarks - this release:</i> .	

TS 32.635	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file			
Rel-5	<i>current version:</i> format definition 1.0.0	DRAFT	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars	get it	<i>remarks - general:</i> RP-15: existence gleaned from S5 report.	
			<i>remarks - this release:</i> .	

TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements			
Rel-5	<i>current version:</i> none	<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>			
			<i>remarks - general:</i> was 32.622-1	
			<i>remarks - this release:</i> .	

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TS 32.642	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)			
Rel-5	<i>current version:</i> 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 32.622-2	
			<i>remarks - this release:</i> .	

TS 32.643	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i> was 32.622-3	
			<i>remarks - this release:</i> .	

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources 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 32.622-4	
			<i>remarks - this release:</i> .	

TS 32.645	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file			
Rel-5	<i>current version:</i> format definition 1.0.0	DRAFT	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars	get it	<i>remarks - general:</i>	
			<i>remarks - this release:</i> .	

TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	G: yes U:	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
			<i>remarks - general:</i> was 32.623-1	
			<i>remarks - this release:</i> .	

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TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.623-2 <i>remarks - this release:</i> .

TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	<i>remarks - general:</i> was 32.623-3 <i>remarks - this release:</i> .

TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-5	<i>current version:</i> none <i>freeze_meeting:</i> SP-17 <i>history (event, available, version,</i>
	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson <i>G: yes U:</i> <i>MCC:</i> ZOICAS, Adrian
	<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 1.0.0 DRAFT <i>WG (prime / other):</i> S5 <i>/ rapporteur:</i> BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16 <i>G: yes U: yes</i> <i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	<i>SP-16 17/06/2002 1 . 0 . 0 SP-020298 pars</i> get it <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> 1.0.0 DRAFT <i>WG (prime / other):</i> S5 / <i>rapporteur:</i> WILBER, John <i>freeze_meeting:</i> SP-18 <i>G: U: yes</i> <i>MCC:</i> ZOICAS, Adrian <i>history (event, available, version,</i>
	<i>draft 31/01/2002 0 . 1 . 0</i> get it <i>remarks - general:</i> <i>SP-15 19/03/2002 1 . 0 . 0 SP-020034 pars</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 32.662	Telecommunication management; Configuration Management (CM); Kernel CM information service								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John					
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	draft 31/01/2002	0 . 1 . 0				get it	<i>remarks - general:</i>		
	SP-15 19/03/2002	1 . 0 . 0				get it	<i>remarks - this release:</i> .		
TS 32.671	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Requirements								
Rel-5	<i>current version:</i> 2.0.0	DRAFT	<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 . 2				get it	<i>remarks - general:</i>		
	SP-16 17/06/2002	1 . 0 . 0				get it	<i>remarks - this release:</i> .		
	draft 19/07/2002	2 . 0 . 0				get it			
TS 32.672	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): Information service								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<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 19/07/2002	0 . 0 . 0				get it	<i>remarks - general:</i>		
	draft 17/01/2002	0 . 1 . 1				get it	<i>remarks - this release:</i> .		
	SP-16 17/06/2002	1 . 0 . 0				get it			
TS 32.673	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CORBA Solution set								
Rel-5	<i>current version:</i> none		<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>								
							<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
TS 32.674	Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CMIP Solution set								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<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> .		

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

TS 32.691	Requirements for Network Resources for Inventory Management								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-14 30/08/2002	1 . 0 . 0	SP-020472	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 32.692	Network Resource Model for Inventory Management								
Rel-5	<i>current version:</i> 1.0.0	DRAFT	<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>				
					<i>remarks - this release:</i>				
<hr/>									
TR 32.800	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>				
<hr/>									
TR 32.802	Telecommunication management; User Equipment (UE) management feasibility study								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> MUDGE, John	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</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					

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

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

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

TS 33.102	3G security; Security architecture	Rel-5 current version: 5.0.0 freeze_meeting: SP-15 history (event, available, version, SP-16 19/06/2002 5 . 0 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: BLOMMAERT, Marc MCC: POPE, Maurice	SIEMENS ATEA NV	get it remarks - general: remarks - this release: .
TS 33.106	Lawful interception requirements	Rel-5 current version: 5.0.0 freeze_meeting: SP-15 history (event, available, version, SP-11 04/04/2001 5 . 0 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: WILHELM, Berthold MCC: POPE, Maurice	BUNDESMINISTERIUM FUR WIRTSCHAFT	get it remarks - general: remarks - this release:
TS 33.107	3G security; Lawful interception architecture and functions	Rel-5 current version: 5.3.0 freeze_meeting: SP-15 history (event, available, version, SP-12 04/07/2001 5 . 0 . 0 SP-14 07/01/2002 5 . 1 . 0 SP-15 26/03/2002 5 . 2 . 0 edito post SP-15 15/04/2002 5 . 2 . 1 Corrects change history. SP-16 19/06/2002 5 . 3 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: WILHELM, Berthold MCC: POPE, Maurice	BUNDESMINISTERIUM FUR WIRTSCHAFT	get it remarks - general: get it remarks - this release: . get it get it
TS 33.108	3G security; Handover interface for Lawful Interception (LI)	Rel-5 current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-15 19/03/2002 1 . 0 . 0 SP-020118 SP-16 2 . 0 . 0 SP-020357 SP-16 19/06/2002 5 . 0 . 0	WG (prime / other): S3 / G: U: yes	rapporteur: WILHELM, Berthold MCC: POPE, Maurice	BUNDESMINISTERIUM FUR WIRTSCHAFT	get it remarks - general: 2001-12-04 Title changed from "Lawful Interception; Interface between core get it remarks - this release: . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).
TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security	Rel-5 current version: 5.0.0 freeze_meeting: SP-15 history (event, available, version, SP-15 26/03/2002 5 . 0 . 0	WG (prime / other): S3 / - G: U: yes	rapporteur: ESCOTT, Adrian MCC: POPE, Maurice	Hutchison 3G UK Limited	get it remarks - general: 2001-05-24: title grows MAP; see 33.210 for IP equivalent. remarks - this release: .

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

TS 33.201	Access domain security									
Rel-5	current version: none			WG (prime / other): S3 /	rapporteur: POPE, Maurice	ETSI Secretariat				
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice					
	history (event, available, version,									
									remarks - general:	
									remarks - this release: .	
<hr/>										
TS 33.203	3G security; Access security for IP-based services									
Rel-5	current version: 5.2.0			WG (prime / other): S3 /	rapporteur: BOMAN, Krister	Telefon AB LM Ericsson				
	freeze_meeting: SP-15			G: yes U: yes	MCC: POPE, Maurice					
	history (event, available, version,									
	SP-13 03/10/2001	0 . 4 . 0	anticipate v2.0.0 at SP-15	get it					remarks - general:	
	SP-14 02/01/2002	1 . 0 . 0	SP-010624	get it					remarks - this release:	
	SP-15 19/03/2002	2 . 0 . 0	SP-020116	get it						
	SP-15 26/03/2002	5 . 0 . 0	But CR at SP-15 to correct reference to SIP.	get it						
	SP-15 26/03/2002	5 . 1 . 0		get it						
	SP-16 19/06/2002	5 . 2 . 0		get it						
<hr/>										
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						
<hr/>										
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 uploaded for fear of confusion.						remarks - general:	
									remarks - this release: .	

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

TR 33.903 Access Security for IP based services

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

WG (prime / other): S3 / - *rapporteur:* VACANT,
G: *U:* yes *MCC:* POPE, Maurice

remarks - general:
remarks - this release: .

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

TS 34.109 Terminal logical test interface; Special conformance testing functions

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

WG (prime / other): R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
G: *U:* yes *MCC:* ARZELIER, Claude

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

[get it](#) *remarks - general:* TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
[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:* 5.0.1
freeze_meeting: TP-16
history (event, available, version,

WG (prime / other): T1 / - *rapporteur:* SALMERON, Lidia ETSI Secretariat
G: *U:* yes *MCC:* SALMERON, Lidia

TP-16 19/06/2002 5 . 0 . 0
corrects page 24/06/2002 5 . 0 . 1
headers

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

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

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

WG (prime / other): T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
G: *U:* yes *MCC:* SALMERON, Lidia

TP-16 19/06/2002 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 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

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

Rel-5 *current version:* 5.0.0 *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
remarks - this release: .

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
remarks - this release: .

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release: .

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

TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data	Rel-5	current version: 5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice	
	history (event, available, version, SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release: .
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	Rel-5	current version: 5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice	
	history (event, available, version, SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release: .
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 1: General 5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice	
	history (event, available, version, SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.	remarks - this release: .
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 2: Algorithm specification 5.0.0	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: .
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-5	current version: Document 3: Implementors' test data 5.0.0	WG (prime / other): S3 / -	rapporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-15			G: U: yes	MCC: POPE, Maurice	
	history (event, available, version, SP-16 24/06/2002 5 . 0 . 0			get it	remarks - general: ex SAGE	remarks - this release: .

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

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

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 (FIGS); Service requirements; Stage 0
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S3 /- *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-15 G: yes U: *MCC:* POPE, Maurice

history (event, available, version,
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: .

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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:* 5.0.0
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
SP-13 01/10/2001 1 . 0 . 0 SP-010421
SP-15 19/03/2002 1 . 1 . 0 SP-020098
SP-15 19/03/2002 1 . 2 . 0 SP-020203
SP-16 2 . 0 . 0 SP-020271
SP-16 2 . 1 . 0 SP-020398
SP-16 2 . 2 . 0 SP-020410
SP-16 19/06/2002 5 . 0 . 0

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

remarks - general:
remarks - this release: .

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

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

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

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

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

remarks - general:
remarks - this release: .

[get it](#)

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

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:
remarks - this release: .

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

TS 42.033	Lawful Interception; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</i> SP-16 24/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i> Was 22.043 at Rel99.			
			<i>remarks - this release:</i> .			
<hr/>						
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</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> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-16 19/07/2002 5 . 0 . 0					
	post SP-16 edito 29/07/2002 5 . 0 . 1					
	to history box					
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> .			

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

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

TR 43.005	Technical performance objectives					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-16 04/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-5	<i>current version:</i> 5.0.0		<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 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> TP-15		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>					
	TP-12 12/11/2001 5 . 0 . 0		get it	<i>remarks - general:</i> For test spec, see 51.013.		
	fix annexed library 21/11/2001 5 . 0 . 1		get it	<i>remarks - this release:</i> .		
	file					
	TP-14 17/01/2002 5 . 1 . 0		get it			
	TP-15 02/04/2002 5 . 2 . 0		get it			
	TP-16 25/06/2002 5 . 3 . 0		get it			

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TS 43.020	Security-related network functions	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): S3 / NP / GP G: yes U: get it	rappporteur: GILBERT, Henri MCC: POPE, Maurice remarks - general: remarks - this release: .	France Telecom
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode	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 / N1 G: yes U: get it	rappporteur: HOWELL, Andrew MCC: USAI, Paolino Moved from SMG3 Jan 2000. remarks - this release: .	MOTOROLA Ltd
TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator	Rel-5 current version: 5.0.1 freeze_meeting: GP-10 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	WG (prime / other): G1 / NP G: yes U: get it get it	rappporteur: ANDERSEN, Niels Peter Skov MCC: USAI, Paolino remarks - general: remarks - this release: .	MOTOROLA A/S
TS 43.030	Radio network planning aspects	Rel-5 current version: 5.0.1 freeze_meeting: GP-10 history (event, available, version, GP-10 19/07/2002 5 . 0 . 0 reissue as TR 5 . 0 . 1 instead of TS	WG (prime / other): G1 / - G: yes U: get it	rappporteur: TEGTH, Ulf MCC: USAI, Paolino remarks - general: remarks - this release: .	TELIA AB
TS 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2	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: yes U: get it	rappporteur: WRIGHT, Tim MCC: POPE, Maurice remarks - general: remarks - this release: .	Indicate persons who left Company and wait for new One

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TS 43.033	Lawful Interception; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-15	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 43.045	Technical Realization of Facsimile Group 3 Service - transparent					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> NP-15	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</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	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-15	G: yes U:	<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>			
<hr/>						
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-03 15/02/2001 5 . 0 . 0	get it	<i>remarks - general:</i>	Originally created as 03.51r00		
	GP-04 20/04/2001 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	GP-05 28/06/2001 5 . 2 . 0	get it				
	GP-06 01/10/2001 5 . 3 . 0	get it				
	GP-07 04/01/2002 5 . 4 . 0	get it				
	GP-08 19/02/2002 5 . 5 . 0	get it				
	GP-09 06/05/2002 5 . 6 . 0	get it				

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TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	GP-10 19/07/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTÍNEZ, José Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	GP-10 19/07/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 43.059	Functional stage 2 description of Location Services (LCS) in GERAN					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LIVINGSTON, Margaret	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	GP-06 01/10/2001 5 . 0 . 0					
	GP-07 04/01/2002 5 . 1 . 0	get it	<i>remarks - general:</i>			
	GP-08 19/02/2002 5 . 2 . 0	get it	<i>remarks - this release:</i> .			
	GP-09 06/05/2002 5 . 3 . 0	get it				
<hr/>						
TS 43.064	Overall description of the GPRS radio interface; Stage 2					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation		
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	GP-09 06/05/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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TS 43.068	Voice Group Call Service (VGCS); Stage 2								
Rel-5	<i>current version:</i> 5.0.1								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002	5	.	0	.	0			
	post NP-16 edito 28/06/2002	5	.	0	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
TS 43.069	Voice Broadcast service (VBS); Stage 2								
Rel-5	<i>current version:</i> 5.0.1								
	<i>freeze_meeting:</i> NP-15								
	<i>history (event, available, version,</i>								
	NP-16 19/06/2002	5	.	0	.	0			
	post NP-16 edito 28/06/2002	5	.	0	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
TS 43.073	Support of Localised Service Area (SoLSA); Stage 2								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 24/06/2002	5	.	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>	.
TS 43.900	Support for voice optimization for the IMS in the GERAN								
Rel-5	<i>current version:</i> none								
	<i>freeze_meeting:</i> GP-10								
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
TR 43.930	Iur-g interface; Stage 2								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> GP-09								
	<i>history (event, available, version,</i>								
	GP-09	0	.	3	.	0			
	GP-09 22/04/2002	0	.	4	.	0			
	draft 19/07/2002	0	.	5	.	1			
	GP-10 19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	This record originally created as Rel-6, but GP-10 approves as Rel-5.
							get it		

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Server ACTIVE specs Rel-5 43 .- series
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Rel-5 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: NP-15 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, JORGENSEN, Per Johan
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 44.004 Layer 1 - General Requirements

Rel-5 *current version:* 5.2.0 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: GP-09 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-06 15/11/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-07 08/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
GP-09 06/05/2002 5 . 2 . 0 [get it](#)

TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: NP-15 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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Server ACTIVE specs Rel-5 44 .- series
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TS 44.018	Mobile radio interface layer 3 specification; Radio Resource Control Protocol					
Rel-5	current version: 5.6.0	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		

TS 44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface					
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation
	freeze_meeting: NP-15	G: yes U:		MCC:	BOSWARTHICK, David	
history (event, available, version,						
NP-14	11/01/2002	5 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)					
Rel-5	current version: 5.4.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: GP-09	G: yes U:		MCC:	THOMASEN, Gert	
history (event, available, version,						
GP-06	14/09/2001	5 . 0 . 0		get it	remarks - general:	
GP-07	08/01/2002	5 . 1 . 0		get it	remarks - this release: .	
GP-08	19/02/2002	5 . 2 . 0		get it		
GP-09	02/05/2002	5 . 3 . 0		get it		
GP-10	19/07/2002	5 . 4 . 0		get it		

TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification					
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH
	freeze_meeting: NP-15	G: yes U:		MCC:	JORGENSEN, Per Johan	
history (event, available, version,						
NP-16	20/06/2002	5 . 0 . 0		get it	remarks - general:	
					remarks - this release: .	

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

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification								
Rel-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 44.060	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> 5.2.0	<i>WG (prime / other):</i>	G2 /	<i>rapporteur:</i>	BLACK, Jyoti	MOTOROLA			
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert				
	<i>history (event, available, version,</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					
<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	<i>G: yes U:</i>		<i>MCC:</i>	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	<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>	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	<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 26/06/2002	5 . 0 . 1	Correct faulty styles / clause	get it	<i>remarks - this release:</i>				

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TS 44.069 Broadcast Call Control (BCC) protocol

Rel-5 *current version:* 5.0.0

freeze_meeting: NP-15

history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

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

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

TS 44.118 Mobile radio interface layer 3 specification, Radio Resource Control (RRC) protocol lu mode

Rel-5 *current version:* 5.0.0

freeze_meeting: GP-09

history (event, available, version,
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

WG (prime / other): G2 / *rapporteur:* VIRTEJ, Iuliana NOKIA Corporation

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

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

TR 44.901 External network assisted cell change (NACC)

Rel-5 *current version:* 5.1.0

freeze_meeting: GP-09

history (event, available, version,
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

WG (prime / other): G2 / - *rapporteur:* BACKLUND, Ingemar Telefon AB LM Ericsson

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

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

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

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

TS 45.001 Physical Layer on the Radio Path (General Description)

Rel-5 *current version:* 5.4.0
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

NOKIA Corporation

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

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

NOKIA Corporation

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

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

TS 45.004	Modulation								
Rel-5	current version: 5.1.0		WG (prime / other):	G1 / -	rapporteur:	SÉBIRE, Benoist	NOKIA Corporation		
	freeze_meeting: GP-09		G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,								
	GP-07 04/01/2002	5 . 0 . 0			get it	remarks - general:			
	GP-10 19/07/2002	5 . 1 . 0			get it	remarks - this release: .			
<hr/>									
TS 45.005	Radio transmission and reception								
Rel-5	current version: 5.4.0		WG (prime / other):	G1 / -	rapporteur:	SAMUELSSON, Mats			
	freeze_meeting: GP-09		G: yes U:		MCC:	USAI, Paolino			
	history (event, available, version,								
	GP-05 28/06/2001	5 . 0 . 0			get it	remarks - general:			
	GP-06 01/10/2001	5 . 1 . 0			get it	remarks - this release: .			
	GP-07 04/01/2002	5 . 2 . 0			get it				
	GP-09 06/05/2002	5 . 3 . 0			get it				
	GP-10 19/07/2002	5 . 4 . 0			get it				
<hr/>									
TS 45.008	Radio subsystem link control								
Rel-5	current version: 5.7.0		WG (prime / other):	G1 / -	rapporteur:	EL-SAIGH, Amer	VODAFONE Group Plc		
	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:			
	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-10 19/07/2002	5 . 7 . 0			get it				

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

TS 45.009	Link adaptation					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-09			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	GP-03 06/02/2001 5 . 0 . 0		get it	<i>remarks - general:</i>		
	GP-06 01/10/2001 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	GP-07 04/01/2002 5 . 2 . 0		get it			
	GP-08 19/02/2002 5 . 3 . 0		get it			
	GP-09 06/05/2002 5 . 4 . 0		get it			
	GP-10 19/07/2002 5 . 5 . 0		get it			

TS 45.010	Radio subsystem synchronization					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TR 45.022	Radio link management in hierarchical networks					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

TR 45.050	Background for RF Requirements					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> GP-10			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	GP-10 19/07/2002 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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

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

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

TS 46.002 Half 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:* AFTELAK, Steve MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

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

TS 46.006 Half-rate speech: ANSI-C code for GSM half-rate speech codec
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:* AFTELAK, Steve MOTOROLA Ltd
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 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
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: .			
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	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: .			
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-5	current version: 5.0.0	WG (prime / other): S4 / -	rapporteur: LORENZ, Dietmar	PHILIPS Semiconductors		
	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: .			
<hr/>						
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: .			
<hr/>						
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: .			

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Server ACTIVE specs Rel-5 46 .- series
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TS 46.020	Half Rate Speech Transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<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 46.032	Voice Activity Detection (VAD)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

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http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels	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 / - G: yes U: get it	rapporteur: USAI, Paolino MCC: USAI, Paolino	ETSI Secretariat	remarks - general: remarks - this release: .
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels	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 / - G: yes U: get it	rapporteur: BARRETT, Paul MCC: USAI, Paolino	Indicate persons who left Company and wait for new One	remarks - general: remarks - this release: .
TS 46.051	GSM Enhanced full rate speech processing functions: 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 / - G: yes U: get it	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino	NOKIA Corporation	remarks - general: remarks - this release: .
TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec	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 / - G: yes U: get it	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino	NOKIA Corporation	remarks - general: remarks - this release: .
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)	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 / - G: yes U: get it	rapporteur: JÄRVINEN, Kari MCC: USAI, Paolino	NOKIA Corporation	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

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> .	
<hr/>						
TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>						
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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 46.082 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
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: .

TR 46.085 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
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: .

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

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-09 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
GP-04 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
GP-09 06/05/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .

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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	current version: 5.6.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-09				Peter Skov	
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert	
	GP-04 04/05/2001					get it remarks - general:
	GP-05 19/06/2001					get it remarks - this release: .
	GP-06 14/09/2001					get it
	GP-07 08/01/2002					get it
	GP-08 19/02/2002					get it
	GP-09 06/05/2002					get it
	GP-10 19/07/2002					get it

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
Rel-5	current version: 5.1.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: GP-09				Peter Skov	
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert	
	GP-06 14/09/2001					get it remarks - general:
	GP-07 08/01/2002					get it remarks - this release: .

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
Rel-5	current version: 5.4.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA
	freeze_meeting: GP-09				THOMASEN, Gert	
	history (event, available, version,	G: yes	U:	MCC:		
	GP-06 10/09/2001					get it remarks - general:
	GP-07 08/01/2002					get it remarks - this release: .
	GP-08 19/02/2002					get it
	GP-09 06/05/2002					get it
	GP-10 19/07/2002					get it

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Rel-5	current version: 5.0.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation
	freeze_meeting: NP-15				BOSWARTHICK, David	
	history (event, available, version,	G: yes	U:	MCC:		
	NP-14 11/01/2002					get it remarks - general:
						remarks - this release: .

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

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification				
Rel-5	current version: 5.0.0 freeze_meeting: GP-10	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, GP-10 19/07/2002 5 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release: .
<hr/>					
TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Rel-5	current version: 5.6.0 freeze_meeting: GP-09	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, GP-04 04/05/2001 5 . 0 . 0 GP-05 18/06/2001 5 . 1 . 0 GP-06 10/09/2001 5 . 2 . 0 GP-07 08/01/2002 5 . 3 . 0 GP-08 19/02/2002 5 . 4 . 0 GP-09 06/05/2002 5 . 5 . 0 GP-10 19/07/2002 5 . 6 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: . get it get it get it get it get it get it
<hr/>					
TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels				
Rel-5	current version: 5.1.0 freeze_meeting: GP-09	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	history (event, available, version, GP-09 06/05/2002 5 . 0 . 0 GP-10 19/07/2002 5 . 1 . 0	G: yes U:	MCC: USAI, Paolino		get it remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. get it remarks - this release: .
<hr/>					
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 Peter Skov	MOTOROLA A/S	
	history (event, available, version, GP-09 06/05/2002 5 . 0 . 0	G: yes U:	MCC: USAI, Paolino		get it remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1. remarks - this release: .

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

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

TR 49.001 General network interworking scenarios

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

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

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

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

Rel-5 current version: 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: yes U: MCC: JORGENSEN, Per Johan

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

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

Rel-5 current version: 5.3.0
freeze_meeting: GP-09
history (event, available, version,
GP-06 02/10/2001 5 . 0 . 0
edito 03/10/2001 5 . 0 . 1
GP-07 08/01/2002 5 . 1 . 0
GP-08 19/02/2002 5 . 2 . 0
GP-10 19/07/2002 5 . 3 . 0

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

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

Rel-5 50 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

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Server ACTIVE specs Rel-5 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues
Rel-5 *current version:* 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

TS 51.013 Test specification for SIM API for Java card
Rel-5 *current version:* none WG (prime / other): T3 / - rapporteur: LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: tbd G: yes U: MCC: DIETZE, Claus
history (event, available, version,
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 WG (prime / other): G3 / - rapporteur: BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 G: yes U: MCC: USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 51.026 GSM Repeater Equipment Specification
Rel-5 *current version:* 5.0.0 WG (prime / other): G3 / - rapporteur: BUSIN, Ake Telefon AB LM Ericsson
freeze_meeting: GP-10 G: yes U: MCC: USAI, Paolino
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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

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

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

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

Rel-5 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-17 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
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: 4.5.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-08 30/06/2000			get it	remarks - general:	
	SP-10 04/01/2001			get it	remarks - this release:	
	SP-11 11/04/2001			get it		
	SP-12 05/07/2001			get it		
	SP-13 01/10/2001			get it		
	SP-14 03/01/2002			get it		
	SP-15 27/03/2002			get it		
	SP-16 19/06/2002			get it		
TS 21.111	USIM and IC card requirements					
Rel-4	current version: 4.0.0	WG (prime / other):	T3 / -	rapporteur:	KALINER, Stefan	T-MOBILE DEUTSCHLAND
	freeze_meeting: SP-11	G:	U: yes	MCC:	DIETZE, Claus	
	history (event, available, version,					
	TP-11 09/04/2001			get it	remarks - general:	
					remarks - this release:	2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.
TS 21.133	3G security; Security threats and requirements					
Rel-4	current version: 4.1.0	WG (prime / other):	S3 / -	rapporteur:	CHRISTOFFERSSON,	TELIA PROMOTOR AB
	freeze_meeting: SP-11	G:	U: yes	MCC:	Per POPE, Maurice	
	history (event, available, version,					
	SP-11 09/04/2001			get it	remarks - general:	
	SP-14 07/01/2002			get it	remarks - this release:	
TR 21.801	Specification drafting rules					
Rel-4	current version: 4.3.0	WG (prime / other):	SP / -	rapporteur:	MEREDITH, John M	ETSI Secretariat
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-08 28/06/2000			get it	remarks - general:	
	SP-08 30/06/2000			get it	remarks - this release:	Formal doc created after TSG#7. (Was briefly 21.200)
	SP-11 11/04/2001			get it		
	SP-13 01/10/2001			get it		
	SP-15 27/03/2002			get it		

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

TR 21.900 Technical Specification Group working methods

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 11/04/2001 4 . 0 . 0

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

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-4 *current version:* 4.4.0
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](#)
[get it](#)

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

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

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
SP-09 18/10/2000 4 . 0 . 0
SP-10 08/01/2001 4 . 1 . 0
remove change 28/02/2001 4 . 1 . 1
bars
SP-12 27/06/2001 4 . 2 . 0
SP-15 25/03/2002 4 . 3 . 0

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

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

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Server ACTIVE specs Rel-4 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)						
Rel-4	current version: 4.2.0	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-09 18/10/2000	4 . 0 . 0					
	SP-11 02/04/2001	4 . 1 . 0					get it remarks - general: Transfer>TSG#4
	SP-12 27/06/2001	4 . 2 . 0					get it remarks - this release:
							get it
<hr/>							
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)						
Rel-4	current version: 4.3.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-07 17/03/2000	4 . 0 . 0					
	SP-10 08/01/2001	4 . 1 . 0					get it remarks - general: Transfer>TSG#5
	SP-12 27/06/2001	4 . 2 . 0					get it remarks - this release:
	SP-15 25/03/2002	4 . 3 . 0					get it
<hr/>							
TS 22.004	General on Supplementary Services						
Rel-4	current version: 4.2.0	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-11 02/04/2001	4 . 0 . 0					
	SP-15 25/03/2002	4 . 1 . 0					get it remarks - general: Transfer>TSG#4
	SP-16 04/07/2002	4 . 2 . 0					get it remarks - this release:
							get it
<hr/>							
TS 22.011	Service accessibility						
Rel-4	current version: 4.7.0	WG (prime / other):	S1 / -	rapporteur:	GALLAIRE, Jean Paul	France Telecom	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-07 17/03/2000	4 . 0 . 0					
	SP-08 28/06/2000	4 . 1 . 0					get it remarks - general: Transfer>TSG#4
	SP-09 18/10/2000	4 . 2 . 0					get it remarks - this release:
	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

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

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 History box	get it				
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>			
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>			
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.			

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Server ACTIVE specs Rel-4 22 .- series
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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>				
<hr/>							
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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> .				

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

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".			
<hr/>						
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-07 17/03/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-08 28/06/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-10 08/01/2001 4 . 2 . 0	get it				
	SP-15 25/03/2002 4 . 3 . 0	get it				
	SP-16 04/07/2002 4 . 4 . 0	get it				
<hr/>						
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat		
	<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 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1							
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i>							
	SP-10 08/01/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>			
TS 22.071	Location Services (LCS); Stage 1							
Rel-4	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael			
	<i>history (event, available, version,</i>							
	SP-08 28/06/2000	4 . 0 . 0 based on 3.2.0		get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-09 18/10/2000	4 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-10 08/01/2001	4 . 2 . 0		get it				
	SP-11 02/04/2001	4 . 3 . 0		get it				
	SP-15 25/03/2002	4 . 4 . 0		get it				
	edito post SP-15 04/04/2002	4 . 4 . 1		get it				
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>			
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	ETSI Secretariat		
	<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>			

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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			

TS 22.079	Support of optimal routing; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat		
	<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>		

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

TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-11	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-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
SP-15	25/03/2002	4 . 2 . 0	get it			

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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	ETSI Secretariat	
	<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 22.084	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	ETSI Secretariat	
	<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 22.085	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	ETSI Secretariat	
	<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 22.086	Advice of Charge (AoC) supplementary services; Stage 1						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4		
				<i>remarks - this release:</i>			
<hr/>							
TS 22.087	User-to-user signalling (UUS); Stage 1						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BRADEN, Christian	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4		
				<i>remarks - this release:</i>			

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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>	
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>	
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>	
TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, 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>	
TS 22.094	Follow Me service description - 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. GSM only @TSG#5
							get it	<i>remarks - this release:</i>	Apr2001: V3 unwithdrawn, so Rel-4 version produced.

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TS 22.096 Name identification supplementary services; Stage 1

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 02/04/2001 4 . 0 . 0

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

ETSI Secretariat

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

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

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 02/04/2001 4 . 0 . 0
SP-15 25/03/2002 4 . 1 . 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
[get it](#) *remarks - this release:*

TS 22.101 Service aspects; Service principles

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,
SP-08 28/06/2000 4 . 0 . 0 based on 3.9.0
SP-09 18/10/2000 4 . 1 . 0
SP-10 08/01/2001 4 . 2 . 0
SP-11 02/04/2001 4 . 3 . 0
SP-12 27/06/2001 4 . 4 . 0
spelling 31/07/2001 4 . 4 . 1
SP-13 05/10/2001 4 . 5 . 0
SP-15 25/03/2002 4 . 6 . 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:* based on 3.9.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 22.105 Services & service capabilities

Rel-4 *current version:* 4.3.0
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-12 27/06/2001 4 . 2 . 0
SP-15 25/03/2002 4 . 3 . 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](#)

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TS 22.115	Service Aspects Charging and billing								
Rel-4	current version: 4.0.0			WG (prime / other): S1 / -	rapporteur: MONTEGROSSO, Emanuele	TELECOM ITALIA S.p.A.			
	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:				
					remarks - this release:				
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1								
Rel-4	current version: 4.1.1			WG (prime / other): S1 / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited			
	freeze_meeting: SP-11			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-04 18/10/2000 4 . 0 . 0			get it	remarks - general: Former title: "Provision of Services in UMTS - The Virtual Home Environment;				
	SP-11 02/04/2001 4 . 1 . 0			get it	remarks - this release: Stage 1". SP-16: converted from TS to TR.				
	SP-16 19/07/2002 4 . 1 . 1	Converted from TS to TR.		get it					
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1								
Rel-4	current version: 4.4.0			WG (prime / other): S1 / -	rapporteur: SWETINA, Joerg	SIEMENS AG			
	freeze_meeting: SP-11			G: U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	draft 0 . 1 . 0				remarks - general:				
	draft 0 . 2 . 0				remarks - this release:				
	draft 0 . 3 . 0								
	draft 0 . 4 . 0								
	draft 0 . 5 . 0								
	SP-09 28/09/2000 1 . 0 . 0			get it					
	draft 1 . 0 . 1								
	draft 1 . 1 . 0								
	draft 1 . 1 . 0								
	draft 1 . 2 . 0								
	SP-10 2 . 0 . 0	SP-000551							
	SP-10 12/01/2001 4 . 0 . 0			get it					
	SP-11 02/04/2001 4 . 1 . 0			get it					
	SP-12 27/06/2001 4 . 2 . 0			get it					
	SP-14 10/01/2002 4 . 3 . 0			get it					
	SP-15 28/03/2002 4 . 4 . 0			get it					

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TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SAMPSON, Nick	ORANGE PCS 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>		
	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			
<hr/>							
TS 22.135	Multicall; Service description; Stage 1						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: 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>		
	SP-15 27/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-16	4 . 2 . 0	CR010 unimplementable because written to wrong version.				
<hr/>							
TS 22.140	Multimedia Messaging Service (MMS); Stage 1						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	LAUMEN, Josef	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</i>						
	SP-T-3 23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i> (development in T2)		
	SP-T-05 08/10/1999	1 . 0 . 0		get it	<i>remarks - this release:</i> 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			

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TS 23.002	Network Architecture						
Rel-4	current version: 4.4.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	ETSI Secretariat	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	SULTAN, Alain		
	history (event, available, version,						
	SP-09 18/10/2000						4 . 0 . 0
	SP-10 21/12/2000	get it		remarks - general:	Transfer>TSG#4,CR at TSG#5		4 . 1 . 0
	SP-11 06/04/2001	get it		remarks - this release:			4 . 2 . 0
	SP-12 29/06/2001	get it					4 . 3 . 0
	SP-14 07/01/2002	get it					4 . 4 . 0
TS 23.003	Numbering, Addressing and Identification						
Rel-4	current version: 4.4.0	WG (prime / other):	N4 / -	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-11 02/04/2001	get it		remarks - general:			4 . 0 . 0
	NP-12 27/06/2001	get it		remarks - this release:			4 . 1 . 0
	NP-13 03/10/2001	get it					4 . 2 . 0
	NP-14 11/01/2002	get it					4 . 3 . 0
	NP-16 21/06/2002	get it					4 . 4 . 0
TS 23.007	Restoration procedures						
Rel-4	current version: 4.1.1	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-11 04/04/2001	get it		remarks - general:			4 . 0 . 0
	corrects 24/06/2002	get it		remarks - this release:			4 . 0 . 1
	NP-16 21/06/2002	get it					4 . 1 . 0
	corrects	get it					4 . 1 . 1
TS 23.008	Organisation of subscriber data						
Rel-4	current version: 4.2.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-11 28/03/2001	get it		remarks - general:			4 . 0 . 0
	NP-12 27/06/2001	get it		remarks - this release:			4 . 1 . 0
	NP-16 21/06/2002	get it					4 . 2 . 0

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TS 23.009	Handover procedures					
Rel-4	<i>current version:</i> 4.4.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,		Ericsson Incorporated
	<i>freeze_meeting:</i> SP-11			Rouzbeh		
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-12 06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-13 05/10/2001	4 . 2 . 0	get it			
	NP-14 08/01/2002	4 . 3 . 0	get it			
	NP-16 20/06/2002	4 . 4 . 0	get it			

TS 23.011	Technical realization of Supplementary Services					
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-11		<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 23.012	Location management procedures					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,		
	<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>		
				<i>remarks - this release:</i>		

TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert		SIEMENS AG
	<i>freeze_meeting:</i> SP-11		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Should not be in UMTS ????		
				<i>remarks - this release:</i>		

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

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

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:* 4.2.0
freeze_meeting: SP-11

WG (prime / other): N4 / - *rapporteur:* VACANT,
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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[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](#)
[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
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2				
Rel-4	current version: 4.0.0	WG (prime / other):	N1 / -	rapporteur:	CARRION RODRIGO, NOKIA Corporation
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	Inmaculada JORGENSEN, Per Johan
	history (event, available, version, NP-11 11/04/2001 4 . 0 . 0	get it		remarks - general:	
				remarks - this release:	
<hr/>					
TS 23.035	Immediate Service Termination (IST); Stage 2				
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim Indicate persons who left Company and wait for new One
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	POPE, Maurice
	history (event, available, version, SP-16 24/06/2002 4 . 0 . 0	get it		remarks - general:	SP-16: created to take over from 03.35 (R99) and 43.035 (Rel-4 onwards).
				remarks - this release:	SP-16: takes over from 43.035 Rel-4
<hr/>					
TS 23.038	Alphabets and language-specific information				
Rel-4	current version: 4.4.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian Teleca Limited
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	RODERMUND, Friedhelm
	history (event, available, version, TP-08 23/06/2000 4 . 0 . 0	get it		remarks - general:	
	TP-10 03/01/2001 4 . 1 . 0	get it		remarks - this release:	based on 3.3.0
	TP-11 29/03/2001 4 . 2 . 0	get it			
	TP-13 03/10/2001 4 . 3 . 0	get it			
	TP-14 11/01/2002 4 . 4 . 0	get it			
<hr/>					
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
Rel-4	current version: 4.0.0	WG (prime / other):	T2 / -	rapporteur:	HARRIS, Ian Teleca Limited
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	RODERMUND, Friedhelm
	history (event, available, version, TP-11 02/04/2001 4 . 0 . 0	get it		remarks - general:	
				remarks - this release:	

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

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 17/10/2001 4 . 0 . 1

file

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

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

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

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

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

Rel-4 *current version:* 4.3.0

freeze_meeting: TP-12

history (event, available, version,

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](#)

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

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 ETSI Secretariat
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:* 4.5.0 *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 08/01/2002 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](#)

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5
corrects 24/06/2002 4 . 0 . 1 [get it](#) *remarks - this release:*

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

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

TS 23.067	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PERLICK, Vivien	SAGEM Group		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>						
NP-10	21/12/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
NP-12	27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
corrects	24/06/2002	4 . 1 . 1	get it			
<hr/>						
TS 23.072	Call Deflection Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</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> 4.5.1	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
<i>history (event, available, version,</i>						
NP-11	02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3.		
NP-13	03/10/2001	4 . 2 . 0	get it			
NP-14	04/01/2002	4 . 3 . 0	get it			
NP-15	19/03/2002	4 . 4 . 0	get it			
NP-16	17/06/2002	4 . 5 . 0	get it			
post NP-16 edito	19/06/2002	4 . 5 . 1	get it			
<hr/>						
TS 23.079	Support of Optimal Routeing (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	<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> CR at TSG#4,CR at TSG#5		
NP-16	21/06/2002	4 . 1 . 0	get it	<i>remarks - this release:</i> .		

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

TS 23.081 Line Identification supplementary services; 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:* VACANT,
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
NP-12 27/06/2001 4 . 1 . 0
NP-13 03/10/2001 4 . 2 . 0
NP-16 21/06/2002 4 . 3 . 0

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

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

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

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
NP-09 26/10/2000 4 . 0 . 0
NP-11 30/03/2001 4 . 1 . 0
inclusion of 24/04/2001 4 . 2 . 0
missed CR
NP-14 10/01/2002 4 . 3 . 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](#)

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 VODAFONE Group Plc
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

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

TS 23.085 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:* DETTNER, Harald SIEMENS AG
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:* DETTNER, Harald SIEMENS AG
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:* DETTNER, Harald SIEMENS AG
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:* DETTNER, Harald SIEMENS AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

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

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0

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

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

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

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Server ACTIVE specs Rel-4 23 .- series
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TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 23.093 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 23.094 Follow Me Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4. GSM only @TSG#5
remarks - this release:

TS 23.096 Name Identification Supplementary Service; Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 23.097 Multiple Subscriber Profile (MSP) Phase 1; Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N4 / - *rapporteur:* HEWSON, Ruth VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4,CR at TSG#5
remarks - this release:

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

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TS 23.101	General UMTS Architecture								
Rel-4	current version: 4.0.0								
	freeze_meeting: SP-11								
history (event, available, version,									
SP-11	11/04/2001	4	.	0	.	0			
							get it	remarks - general:	
								remarks - this release:	
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
Rel-4	current version: 4.4.0								
	freeze_meeting: SP-11								
history (event, available, version,									
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			
							get it	remarks - general:	was 23.907
							get it	remarks - this release:	
							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	current version: 4.0.1								
	freeze_meeting: SP-11								
history (event, available, version,									
NP-11	11/04/2001	4	.	0	.	0			
post NP-16	28/06/2002	4	.	0	.	1			
							get it	remarks - general:	This is clause 7 from 04.08 ex R98.
							get it	remarks - this release:	2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.
<hr/>									
TS 23.110	UMTS Access Stratum Services and Functions								
Rel-4	current version: 4.0.0								
	freeze_meeting: SP-11								
history (event, available, version,									
SP-11	11/04/2001	4	.	0	.	0			
							get it	remarks - general:	
								remarks - this release:	

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TS 23.116	Super-Charger technical realization; Stage 2								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11		<i>G:</i> yes <i>U:</i> yes	<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						
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:</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> New after TSG#5					
				<i>remarks - this release:</i>					
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu					NOKIA Corporation
	<i>freeze_meeting:</i> SP-11		<i>G:</i> <i>U:</i> yes	<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							
			get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i>					
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD,					ERICSSON RESEARCH CANADA
	<i>freeze_meeting:</i> SP-11		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-09 06/11/2000	4 . 0 . 0							
	SP-11 06/04/2001	4 . 1 . 0							
	SP-12 29/06/2001	4 . 2 . 0							
	SP-15 05/04/2002	4 . 3 . 0							
			get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.					
			get it	<i>remarks - this release:</i>					
			get it						
			get it						
TS 23.135	Multicall supplementary service; Stage 2								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo					NTT COMWARE Corporation
	<i>freeze_meeting:</i> SP-11		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-09 25/10/2000	4 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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

Rel-4 *current version:* 4.7.0 *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 <i>remarks - general:</i>
TP-10	21/12/2000	4	.	1	.	0	get it <i>remarks - this release:</i>
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

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:* 4.4.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
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

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

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11

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

history (event, available, version,

NP-10	12/01/2001	1	.	0	.	1	N4-001104
NP-11	30/03/2001	4	.	0	.	0	
NP-12	06/07/2001	4	.	1	.	0	
NP-13	03/10/2001	4	.	2	.	0	
NP-14	10/01/2002	4	.	3	.	0	
NP-15	28/03/2002	4	.	4	.	0	
NP-16	21/06/2002	4	.	5	.	0	

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

TS 23.221 Architectural requirements

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

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

history (event, available, version,

draft	07/11/2000	0	.	0	.	5	
SP-10	31/01/2001	1	.	0	.	0	SP-000595
draft	01/02/2001	1	.	1	.	0	
SP-11	06/04/2001	4	.	0	.	0	
SP-12	02/07/2001	4	.	1	.	0	
SP-16	18/06/2002	4	.	2	.	0	

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

TS 23.227 Application and user interaction in the UE; Principles and specific requirements

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

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

history (event, available, version,

draft	06/09/2000	0	.	1	.	0	
TP-11	02/04/2001	4	.	0	.	0	
TP-14	11/01/2002	4	.	1	.	0	
TP-15	26/03/2002	4	.	2	.	0	

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

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TS 23.271 Functional stage 2 description of location services (LCS)

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,
draft 10/07/2000 0 . 1 . 0
draft 14/09/2000 0 . 2 . 0
SP-09 09/11/2000 1 . 0 . 0
draft 22/11/2000 1 . 1 . 0
SP-10 2 . 0 . 0 SP-000596
SP-10 27/02/2001 4 . 0 . 0
SP-11 11/04/2001 4 . 1 . 0
SP-12 02/07/2001 4 . 2 . 0
SP-13 15/10/2001 4 . 3 . 0
SP-14 07/01/2002 4 . 4 . 0
SP-15 29/03/2002 4 . 5 . 0
SP-16 18/06/2002 4 . 6 . 0

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

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

TR 23.821 Architecture Principles for Release 2000

Rel-4 *current version:* 1.0.1 DRAFT
freeze_meeting: SP-11
history (event, available, version,
SP-08 28/06/2000 1 . 0 . 1

WG (prime / other): S2 / - *rapporteur:* LIND, Christer Indicate persons who left Company and wait for new One
G: U: yes *MCC:* SULTAN, Alain

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

TR 23.873 Feasibility study fro transport and control separation in the PS CN domain

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
draft 12/09/2000 0 . 2 . 0
draft 08/11/2000 0 . 3 . 0
draft 20/11/2000 0 . 4 . 0
SP-10 31/01/2001 1 . 0 . 0
draft 30/12/2000 1 . 1 . 0
SP-11 11/04/2001 4 . 0 . 0

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

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

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TR 23.874	Feasibility study of architecture for network requested PDP context activation with User-ID								
Rel-4	current version: 1.3.0	DRAFT	WG (prime / other):	S2 / -	rapporteur:	KITADA, Yoshinori	NTT COMWARE Corporation		
	freeze_meeting: SP-11		G:	U: yes	MCC:	SULTAN, Alain			
	history (event, available, version,							remarks - general:	
	SP-09	1 . 0 . 0						remarks - this release: .	
	draft 08/11/2000	1 . 2 . 0							get it
	draft 24/11/2000	1 . 3 . 0							get it

TR 23.907	Quality of Service (QoS) concept								
Rel-4	current version: 1.2.0	DRAFT	WG (prime / other):	S2 /	rapporteur:	VACANT,			
	freeze_meeting: SP-11		G:	U: yes	MCC:	SULTAN, Alain			
	history (event, available, version,							remarks - general:	
	draft 15/11/1998	0 . 1 . 0						remarks - this release: .	
	draft 15/01/1999	0 . 2 . 0							get it
	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	current version: 4.0.0		WG (prime / other):	N4 / -	rapporteur:	VACANT,			
	freeze_meeting: SP-11		G: yes	U: yes	MCC:	KYMALAINEN, Kimmo			
	history (event, available, version,							remarks - general:	
	NP-11 04/04/2001	4 . 0 . 0						remarks - this release:	
									get it

TR 23.909	Technical report on the Gateway Location Register								
Rel-4	current version: 4.0.0		WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD		
	freeze_meeting: SP-11		G: yes	U: yes	MCC:	Chalmers			
	history (event, available, version,					KYMALAINEN, Kimmo		remarks - general:	
	NP-11 04/04/2001	4 . 0 . 0						remarks - this release:	
									get it

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TR 23.910	Circuit switched data bearer services					
Rel-4	<i>current version:</i> 4.4.0					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>					
	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				
			get it	<i>remarks - general:</i>	03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)	
			get it	<i>remarks - this release:</i>		
			get it			
			get it			
			get it			
			get it			
			get it			
TR 23.911	Technical report on Out-of-band transcoder control					
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>		
				<i>remarks - this release:</i>		
TR 23.912	Technical report on Super-Charger					
Rel-4	<i>current version:</i> 4.1.0					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001	4 . 0 . 0				
	NP-14 10/01/2002	4 . 1 . 0				
			get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release:</i>		
TR 23.925	UMTS Core network based ATM transport					
Rel-4	<i>current version:</i> none					
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>	Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.	
				<i>remarks - this release:</i>		
TR 23.930	Iu Principles					
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>		

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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	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	<i>history (event, available, version,</i> NP-11 06/04/2001 4 . 0 . 0	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>						
TS 24.007	Mobile radio interface signalling layer 3; General Aspects								
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>history (event, available, version,</i> NP-11 11/04/2001 4 . 0 . 0 NP-14 04/01/2002 4 . 1 . 0 NP-16 24/06/2002 4 . 2 . 0	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5						
		get it	<i>remarks - this release:</i>						
		get it							
TS 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3								
Rel-4	<i>current version:</i> 4.7.0 <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>history (event, available, version,</i> NP-09 12/10/2000 4 . 0 . 0 NP-10 03/01/2001 4 . 1 . 0 edito 09/01/2001 4 . 1 . 1 NP-11 06/04/2001 4 . 2 . 0 edito 06/07/2001 4 . 2 . 1 replaces missing section of table NP-12 13/07/2001 4 . 3 . 0 NP-13 04/10/2001 4 . 4 . 0 NP-14 09/01/2002 4 . 5 . 0 NP-15 21/03/2002 4 . 6 . 0 NP-16 24/06/2002 4 . 7 . 0	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
		get it	<i>remarks - general:</i> CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to						
		get it	<i>remarks - this release:</i> be resolved till Jun00.						
		get it							
		get it							
		get it							
		get it							
		get it							
		get it							
		get it							
		get it							

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TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects					
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-11 30/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-13 03/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-14 10/01/2002	4 . 2 . 0	get it			
<hr/>						
TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
Rel-4	<i>current version:</i> 4.1.1 <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N1 / T2	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
			G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4		
	NP-15 19/03/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	fix headers, 28/06/2002	4 . 1 . 1	get it			
	restore missing figure					
<hr/>						
TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG	
			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> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and the Base Station System - Mobile-services Switching Centre (BSS-MSC)		
				<i>remarks - this release:</i>		
<hr/>						
TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3					
Rel-4	<i>current version:</i> 4.2.0 <i>freeze_meeting:</i> SP-11		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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			

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

TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PERLICK, Vivien	SAGEM Group			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-12 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> DETTNER, Harald	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>				
	corrects 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>				
<hr/>							
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> DETTNER, Harald	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>				
	NP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-14 10/01/2002 4 . 2 . 0	get it					
	NP-16 21/06/2002 4 . 3 . 0	get it					
<hr/>							
TS 24.081	Line Identification Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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>				
	corrects 24/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>				
<hr/>							
TS 24.082	Call Forwarding supplementary service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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>				
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>				

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

TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3						
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,							
NP-11	04/04/2001	4 . 0 . 0		get it	remarks - general:		
correct references	25/06/2002	4 . 0 . 1		get it	remarks - this release:		
<hr/>							
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3						
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE Group Plc	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,							
NP-11	04/04/2001	4 . 0 . 0		get it	remarks - general:		
correct references	25/06/2002	4 . 0 . 1		get it	remarks - this release:		
<hr/>							
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3						
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,							
NP-11	04/04/2001	4 . 0 . 0		get it	remarks - general:		
correct references	25/06/2002	4 . 0 . 1		get it	remarks - this release:		
<hr/>							
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3						
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,							
NP-11	04/04/2001	4 . 0 . 0		get it	remarks - general:		
correct references	25/06/2002	4 . 0 . 1		get it	remarks - this release:		
<hr/>							
TS 24.087	User-to-User Signalling (UUS); Stage 3						
Rel-4	current version: 4.0.1	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG	
	freeze_meeting: SP-11	G: yes U: yes		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,							
NP-11	04/04/2001	4 . 0 . 0		get it	remarks - general:		
correct references	25/06/2002	4 . 0 . 1		get it	remarks - this release:		

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

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:* DETTNER, Harald
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:*

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:* RUSSELL, Nick
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
VODAFONE Group Plc
[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:* DETTNER, Harald
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:* DETTNER, Harald
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
SIEMENS AG
[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 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.135 Multicall supplementary service; Stage 3

Rel-4 *current version:* 4.1.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
NP-14 10/01/2002 4 . 1 . 0
correct references 25/06/2002 4 . 1 . 1

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

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

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

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:* 4.5.0
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 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:* 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](#)

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

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

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

Rel-4 current version: 4.5.0

freeze_meeting: SP-11

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

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

RP-12 29/06/2001 4 . 1 . 0

RP-13 03/10/2001 4 . 2 . 0

RP-14 14/01/2002 4 . 3 . 0

RP-15 29/03/2002 4 . 4 . 0

RP-16 01/07/2002 4 . 5 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-4 current version: 4.5.0

freeze_meeting: SP-11

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

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

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

RP-12 29/06/2001 4 . 1 . 0

RP-13 10/10/2001 4 . 2 . 0

RP-14 16/01/2002 4 . 3 . 0

RP-15 29/03/2002 4 . 4 . 0

RP-16 01/07/2002 4 . 5 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-4 current version: 4.2.0

freeze_meeting: SP-11

WG (prime / other): R4 / - rapporteur: NILSSON, Martin Indicate persons who left Company and wait for new

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

Start of work 01/08/2000 0 . 0 . 1

RP-09 13/10/2000 1 . 0 . 0

RP-10 21/12/2000 1 . 1 . 0 RP-000596

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

RP-13 10/10/2001 4 . 1 . 0

RP-16 01/07/2002 4 . 2 . 0

[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 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-4 *current version:* 4.2.0 *WG (prime / other):* R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
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](#)

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

Rel-4 *current version:* 4.5.0 *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](#)

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

Rel-4 *current version:* 4.5.0 *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](#)

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

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

TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.5.0

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	16/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	04/07/2002	4	.	5	.	0

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

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

TS 25.142 Base station conformance testing (TDD)

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	04/07/2002	4	.	5	.	0

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

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

TS 25.143 UTRA repeater; Conformance testing

Rel-4 *current version:* 4.4.0

freeze_meeting: RP-11

history (event, available, version,

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

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

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

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.201 Physical layer - general description

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti

G: U: yes *MCC:* IKEDA, Shinobu

NOKIA Corporation

history (event, available, version,

RP-11 05/04/2001 4 . 0 . 0

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

RP-14 09/01/2002 4 . 1 . 0

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

RP-15 29/03/2002 4 . 2 . 0

[get it](#)

RP-16 28/06/2002 4 . 3 . 0

[get it](#)

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

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* WILDE, Andreas

G: U: yes *MCC:* IKEDA, Shinobu

Telefon AB LM Ericsson

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](#)

TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R1 / - *rapporteur:* TANAKA, Yoshinori

G: U: yes *MCC:* IKEDA, Shinobu

Fujitsu Limited

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](#)

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 25.213 Spreading and modulation (FDD)

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-14 09/01/2002 4 . 2 . 0
RP-16 28/06/2002 4 . 3 . 0

WG (prime / other): R1 / - *rapporteur:* CHAMBERS, Peter
G: *U:* yes *MCC:* IKEDA, Shinobu SIEMENS AG
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.4.0
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:* IKEDA, Shinobu
G: *U:* yes *MCC:* IKEDA, Shinobu ETSI Secretariat
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 25.215 Physical layer; Measurements (FDD)

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:* IKEDA, Shinobu
G: *U:* yes *MCC:* IKEDA, Shinobu ETSI Secretariat
[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 25.221	Physical channels and mapping of transport channels onto physical channels (TDD)								
Rel-4	<i>current version:</i> 4.5.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-12 28/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	RP-13 08/10/2001	4 . 2 . 0		get it					
	RP-14 09/01/2002	4 . 3 . 0		get it					
	RP-15 29/03/2002	4 . 4 . 0		get it					
	RP-16 28/06/2002	4 . 5 . 0		get it					
<hr/>									
TS 25.222	Multiplexing and channel coding (TDD)								
Rel-4	<i>current version:</i> 4.4.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	KAHTAVA, Jussi	Nokia Japan Co. Ltd			
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-13 08/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	RP-14 09/01/2002	4 . 2 . 0		get it					
	RP-15 29/03/2002	4 . 3 . 0		get it					
	RP-16 28/06/2002	4 . 4 . 0		get it					
<hr/>									
TS 25.223	Spreading and modulation (TDD)								
Rel-4	<i>current version:</i> 4.4.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	VACANT,				
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu				
	<i>history (event, available, version,</i>								
	RP-11 05/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-12 28/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	RP-13 08/10/2001	4 . 2 . 0		get it					
	RP-14 09/01/2002	4 . 3 . 0		get it					
	RP-15 29/03/2002	4 . 4 . 0		get it					

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 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0

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

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

TS 25.225 Physical layer; Measurements (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-16 28/06/2002 4 . 4 . 0

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

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

TS 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.3.0
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

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](#)

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 25.302 Services provided by the physical layer

Rel-4 *current version:* 4.5.0
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

)

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](#)

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0
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

)

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

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

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

)

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[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 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Created from 25.923			
	RP-12 19/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-14 04/01/2002 4 . 2 . 0	get it				
	RP-15 19/03/2002 4 . 3 . 0	get it				

TS 25.306	UE Radio Access capabilities definition					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BERGGREN, Anders		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.			
	RP-12 19/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 02/10/2001 4 . 2 . 0	get it				
	RP-14 04/01/2002 4 . 3 . 0	get it				
	RP-15 19/03/2002 4 . 4 . 0	get it				
	RP-16 17/06/2002 4 . 5 . 0	get it				

TS 25.307	Requirements on UEs supporting a release-independent frequency band					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / R4	<i>rapporteur:</i> FAUCONNIER, Denis		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-13	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-13 02/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Release independent! - sort of. RP-13: responsibility: R2 = signalling			
	RP-14 04/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> Expect continual updates each time a new band is allowed. requirements, R4 = RF &			

RMM requirements.

TS 25.321	Medium Access Control (MAC) protocol specification					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> GESSNER, Christina		SIEMENS AG	
	<i>freeze_meeting:</i> RP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-12 19/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 02/10/2001 4 . 2 . 0	get it				
	RP-14 04/01/2002 4 . 3 . 0	get it				
	RP-15 19/03/2002 4 . 4 . 0	get it				
	RP-16 17/06/2002 4 . 5 . 0	get it				

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 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.5.0
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

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](#)

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.5.0
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

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.1.0
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

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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:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R2 / - *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd

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

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-12 27/06/2001 4 . 1 . 0

RP-13 08/10/2001 4 . 2 . 0

replace ASN.1 16/10/2001 4 . 2 . 1

RP-14 18/01/2002 4 . 3 . 0

RP-15 25/03/2002 4 . 4 . 0

RP-16 20/06/2002 4 . 5 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 25.401 UTRAN Overall Description

Rel-4 *current version:* 4.4.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)

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

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

RP-12 06/07/2001 4 . 1 . 0

RP-13 12/10/2001 4 . 2 . 0

RP-15 02/04/2002 4 . 3 . 0

RP-16 28/06/2002 4 . 4 . 0

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

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

[get it](#)

[get it](#)

[get it](#)

TS 25.402 Synchronisation in UTRAN Stage 2

Rel-4 *current version:* 4.5.0

freeze_meeting: SP-11

WG (prime / other): R3 / - *rapporteur:* PIOLINI, Flavio SIEMENS Mobile Communications S.p.a.

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

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 28/06/2002 4 . 5 . 0

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

[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 25.410 UTRAN Iu 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-13 12/10/2001 4 . 2 . 0

RP-14 11/01/2002 4 . 3 . 0

RP-16 28/06/2002 4 . 4 . 0

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mm02 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](#)

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:* 4.0.0

freeze_meeting: SP-11

history (event, available, version,

RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited

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

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

remarks - this release:

TS 25.413 UTRAN Iu interface RANAP signalling

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 14/01/2002 4 . 3 . 0

RP-15 02/04/2002 4 . 4 . 0

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

WG (prime / other): R3 / - *rapporteur:* JUSSILA, Jyrki NOKIA Corporation

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

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

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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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](#)

TS 25.415 UTRAN Iu interface user plane protocols

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 14/01/2002 4 . 3 . 0
RP-15 25/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 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](#)

TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

Rel-4 *current version:* 4.5.1
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

WG (*prime / other*): R3 / - *rapporteur:* TAYLOR, Carolyn
G: U: yes *MCC:* KRAUSE, Joern
Motorola Inc.

[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 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:* 4.1.1
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

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 25.423 UTRAN Iur interface RNSAP signalling

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-15 02/04/2002 4 . 4 . 0
RP-16 05/07/2002 4 . 5 . 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

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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> 4.3.0	<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			

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 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 25.430 UTRAN Iub Interface: General Aspects and Principles

Rel-4 *current version:* 4.3.0
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

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

FUJITSU Laboratories of Europe Limited

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

TS 25.431 UTRAN Iub 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 Iub 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 Iub interface NBAP signalling

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
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

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:*
[get it](#)
[get it](#)
[get it](#)
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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 Research AB
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-12 06/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	RP-14 11/01/2002	4 . 2 . 0		get it		
	RP-15 02/04/2002	4 . 3 . 0		get it		
	RP-16 28/06/2002	4 . 4 . 0		get it		

TS 25.435	UTRAN lub interface user plane protocols for CCH data streams					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-12 06/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	RP-13 12/10/2001	4 . 2 . 0		get it		
	RP-14 11/01/2002	4 . 3 . 0		get it		
	RP-15 02/04/2002	4 . 4 . 0		get it		

TS 25.442	UTRAN implementation-specific O&M transport					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	RECKER, Stephan	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

TR 25.832	Manifestations of Handover and SRNS relocation					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	TOWNEND, Richard	mmO2 plc
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern	
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	RP-15: No upgrade to Rel-5.

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Server ACTIVE specs Rel-4 25 .- series
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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](#)
[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:* IKEDA, Shinobu
[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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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)

Rel-4 *current version:* 0.3.0 DRAFT WG (prime / other): R3 / - *rapporteur:* PARK, Jin Hyo SK TELECOM
freeze_meeting: SP-11 G: U: yes MCC: KRAUSE, Joern
history (event, available, version,
RP-12 05/07/2001 0 . 2 . 0 RP-010426 [get it](#) *remarks - general:*
RAN3 approved 01/10/2001 0 . 3 . 0 referred to at RP-13. [get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

TR 25.840 Terminal power saving features

Rel-4 *current version:* 2.3.0 DRAFT WG (prime / other): R1 / - *rapporteur:* LEE, Ju Ho Samsung Electronics Ind. Co., Ltd.
freeze_meeting: SP-11 G: U: yes MCC: IKEDA, Shinobu
history (event, available, version,
RP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*
RP-10 12/01/2001 2 . 0 . 0 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-11 05/04/2001 2 . 3 . 0 [get it](#)

TR 25.841 DSCH power control improvement in soft handover

Rel-4 *current version:* 4.1.0 WG (prime / other): R1 / - *rapporteur:* TOSKALA, Antti NOKIA Corporation
freeze_meeting: SP-11 G: U: yes MCC: IKEDA, Shinobu
history (event, available, version,
RP-09 28/09/2000 1 . 0 . 0 [get it](#) *remarks - general:*
RP-10 12/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-11 04/04/2001 4 . 1 . 0 [get it](#)

TR 25.842 Smart antenna

Rel-4 *current version:* 1.0.0 DRAFT WG (prime / other): R1 / - *rapporteur:* HU, Jinling CATT
freeze_meeting: SP-11 G: U: yes MCC: IKEDA, Shinobu
history (event, available, version,
RP-09 12/01/2001 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .RP-15: Not to be promoted to Rel-5.

TR 25.843 1,28 Mcps TDD UE Radio Access Capabilities

Rel-4 *current version:* 4.1.0 WG (prime / other): R2 / - *rapporteur:* ZHU, Yifei CATT
freeze_meeting: SP-11 G: U: yes MCC: ARZELIER, Claude
history (event, available, version,
RP-10 20/12/2000 4 . 0 . 0 [get it](#) *remarks - general:*
RP-11 27/03/2001 4 . 1 . 0 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.

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

TR 25.844	Radio access bearer support enhancements					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KRISHNARAJAH,	Ericsson AB	
	<i>freeze_meeting:</i> SP-11		G:	U: yes	MCC:	ARZELIER, Claude
	<i>history (event, available, version,</i>					
	RP-10 20/12/2000	1 . 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.	
	RP-13 02/10/2001	4 . 1 . 0		get it		
	RP-16 17/06/2002	4 . 2 . 0		get it		
	RP-000560					
<hr/>						
TR 25.845	FDD RACH and AICH performance requirements					
Rel-4	<i>current version:</i> 0.0.3	DRAFT	<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> VIHRIÄLÄ, Jaakko	NOKIA Corporation	
	<i>freeze_meeting:</i> tbd		G:	U: yes	MCC:	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.	
<hr/>						
TR 25.847	UE positioning enhancements					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> BECKMANN, Mark	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11		G:	U: yes	MCC:	ARZELIER, Claude
	<i>history (event, available, version,</i>					
	draft 10/11/2000	0 . 1 . 0		get it	<i>remarks - general:</i>	
	RP-10 20/12/2000	1 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
	RP-11 27/03/2001	4 . 0 . 0		get it		
<hr/>						
TR 25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> IKEDA, Shinobu	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-10		G:	U: yes	MCC:	IKEDA, Shinobu
	<i>history (event, available, version,</i>					
	RP-11 05/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.	
<hr/>						
TR 25.849	DSCH power control improvement in soft handover					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> WOONHEE, Hwang	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11		G:	U: yes	MCC:	KRAUSE, Joern
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.	

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

TR 25.850 UE positioning in UTRAN lub/lur protocol aspects

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
RP-10 21/12/2000 0 . 0 . 2 RP-000658
draft 21/12/2000 0 . 1 . 0
RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-13 12/10/2001 4 . 2 . 0
RP-14 11/01/2002 4 . 3 . 0

WG (prime / other): R3 / - *rapporteur:* HAUTALA, Jari NOKIA Corporation
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 25.851 RAB Quality of Service (QoS) Renegotiation over lu

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
RP-10 21/12/2000 0 . 0 . 2 RP-000660
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / *rapporteur:* IRWIN, Sania MOTOROLA GmbH
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

TR 25.852 Radio access bearer support enhancements for the lu

Rel-4 *current version:* 0.0.0 DRAFT
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 0 . 0 . 0

WG (prime / other): R3 / *rapporteur:* DIESEN, Michael MOTOROLA Ltd
G: *U:* yes *MCC:* KRAUSE, Joern
[get it](#) *remarks - general:*
remarks - this release: RP-15: No upgrade to Rel-5.

TR 25.853 Delay budget within the access stratum

Rel-4 *current version:* 4.0.0
freeze_meeting: RP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* DELL'ACQUA, Massimo SIEMENS Mobile Communications S.p.a.
G: *U:* yes *MCC:* KRAUSE, Joern
[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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TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-12 19/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	RP-13 02/10/2001	4 . 2 . 0		get it		
	RP-14 04/01/2002	4 . 3 . 0		get it		
	RP-15 19/03/2002	4 . 4 . 0		get it		

TR 25.922	Radio Resource Management Strategies					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	R2 / -	<i>rapporteur:</i>	BULDORINI, Andrea	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>MCC:</i>	ARZELIER, Claude	
	<i>history (event, available, version,</i>					
	RP-11 27/03/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	
	RP-13 02/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	
	RP-15 19/03/2002	4 . 2 . 0		get it		

TR 25.928	1,28 Mcps functionality for UTRA TDD physical layer					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	R1 / -	<i>rapporteur:</i>	AKSENTIJEVIC, Mirko	NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	<i>G:</i>		<i>MCC:</i>	IKEDA, Shinobu	
	<i>history (event, available, version,</i>					
	RP-07	0 . 0 . 2	RP-000091		<i>remarks - general:</i>	Created R1#10, Jan 99.
	RP-07 15/03/2000	0 . 0 . 3	RP-000158	get it	<i>remarks - this release:</i>	RP-15: Not to be promoted to Rel-5.
	RP-08	0 . 2 . 0				
	RP-08 23/06/2000	1 . 0 . 0		get it		
	RP-09 11/01/2001	1 . 1 . 0		get it		
	RP-11 06/04/2001	4 . 0 . 0		get it		
	edito 10/04/2001	4 . 0 . 1		get it		

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

TR 25.931 UTRAN Functions, examples on signalling procedures

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-07

WG (prime / other): R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* KRAUSE, Joern

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

[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

WG (prime / other): R3 / - *rapporteur:* YOSHIMURA, Takayuki J-Phone Co., Ltd.
G: *U:* yes *MCC:* KRAUSE, Joern

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-000646
RP-11 06/04/2001 4 . 0 . 0

[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

WG (prime / other): R3 / - *rapporteur:* VAN LIESHOUT, ERICSSON EUROLAB NETHERLANDS BV
G: *U:* yes *MCC:* Gert-Jan KRAUSE, Joern

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
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Server ACTIVE specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.936 Handover for realtime services from PS-domain

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11

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

history (event, available, version,
Start of work 01/07/2000 0 . 0 . 0
draft 15/07/2000 0 . 0 . 1
R3-15 01/09/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 3 . 0
RP-11 06/04/2001 4 . 0 . 0
formatting 09/01/2002 4 . 0 . 1
corrections

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
[get it](#)
[get it](#)
[get it](#)

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](#)

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

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Server ACTIVE specs Rel-4 25 .- series
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TR 25.943	Deployment aspects								
Rel-4	<i>current version:</i> 4.2.0			WG (prime / other):	R4 / -	<i>rapporteur:</i>	SKÖLD, Johan	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> RP-12			G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</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			WG (prime / other):	R1 / -	<i>rapporteur:</i>	IKEDA, Shinobu	ETSI Secretariat	
	<i>freeze_meeting:</i> SP-11			G:	U: yes	<i>MCC:</i>	IKEDA, Shinobu		
	<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			WG (prime / other):	R4 / -	<i>rapporteur:</i>	ZHANG, Daijun	CATT	
	<i>freeze_meeting:</i> SP-11			G:	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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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			G: 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	RP-000656	get it					
	RP-11 06/04/2001	4 . 0 . 0		get it					

TR 25.950	UTRA high speed downlink packet access								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11			G: 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			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</i>									
	RP-10 21/12/2000	0 . 0 . 3	RP-000664	get it	<i>remarks - general:</i>				
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.				

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			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</i>									
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<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			G: 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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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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</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> Transfer>TSG#4			
			<i>remarks - this release:</i>			
TS 26.073	AMR speech Codec; C-source code					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-14 09/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
TS 26.074	AMR speech Codec; Test sequences					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</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> Transfer>TSG#4			
	corected tests 04/07/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
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	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 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>			
<hr/>						
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<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>			

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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 Iu and Uu					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</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		
<hr/>						
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		ETSI Secretariat	
	<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		

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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	ETSI Secretariat			
	<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> 4.1.0	<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>	
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification						
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-15 28/03/2002 4 . 2 . 0				get it		

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

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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					
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	SP-000566	get it					
	SP-11 10/04/2001	4 . 0 . 0		get it					
	SP-13 02/10/2001	4 . 1 . 0		get it					
	SP-14 09/01/2002	4 . 2 . 0		get it					
	SP-15 28/03/2002	4 . 3 . 0		get it					
	SP-16 28/06/2002	4 . 4 . 0		get it					
TR 26.901	AMR wideband speech codec; Feasibility study report								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	OHANA, Alain	Cingular Wireless LLC			
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-07 17/03/2000	2 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-07 17/03/2000	4 . 0 . 0		get it	<i>remarks - this release:</i>				
	edito 26/04/2000	4 . 0 . 1		get it					
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide								
Rel-4	<i>current version:</i> 4.1.0	<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>				

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TR 26.912 Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: 2002-06-18: not useful to upgrade to Rel-5?

TR 26.975 Performance characterization of the Adaptive Multi-Rate (AMR) speech codec
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0
SP-13 02/10/2001 4 . 1 . 0
[get it](#) *remarks - general:* Replaces 26.075. 2001-10-02: Also for GSM.
[get it](#) *remarks - this release:*

TR 26.978 Results of the AMR noise suppression selection phase
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version, SP-11 10/04/2001 4 . 0 . 0
[get it](#) *remarks - general:* Replaces 26.078
remarks - this release: Replaces 26.078

Rel-4 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN acces; 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

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, 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](#)

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:* WIIK, 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:* WIIK, 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](#)

G = required in systems with GERAN acces; 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

TS 27.007	AT command set for 3G User Equipment (UE)						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> TOMÉ, Olga	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-09 11/10/2000 4 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-11 11/04/2001 4 . 1 . 0		get it	<i>remarks - this release:</i>			
	TP-12 04/07/2001 4 . 2 . 0		get it				
	TP-14 15/01/2002 4 . 3 . 0		get it				
	TP-15 04/04/2002 4 . 4 . 0		get it				

TS 27.010	Terminal Equipment to User Equipment (TE-UE) multiplexer protocol						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BROOK, Richard	SAMSUNG Electronics Research Institute			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-11 06/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-13 04/10/2001 4 . 1 . 0		get it	<i>remarks - this release:</i>			
	TP-15 25/03/2002 4 . 2 . 0		get it				

TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services						
Rel-4	<i>current version:</i> 4.1.0	<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> GPRS			
	NP-16 24/06/2002 4 . 1 . 0		get it	<i>remarks - this release:</i>			

TS 27.103	Wide Area Network Synchronization						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHAU, Alan	NOKIA UK Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-11 02/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i>			

TR 27.901	Report on Terminal Interfaces - An Overview						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>						
	TP-11 02/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-15 26/03/2002 4 . 1 . 0		get it	<i>remarks - this release:</i>			

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Server ACTIVE specs Rel-4 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.903 Discussion of synchronization standards

Rel-4 current version: 4.0.0

freeze_meeting: SP-11

history (event, available, version,

TP-11 02/04/2001 4 . 0 . 0

WG (prime / other): T2 / - rapporteur: LOCKHART, Rob Motorola Inc.

G: U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

remarks - this release: TP-15: Not to be promoted to Rel-5.

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

Rel-4 current version: 4.4.0

freeze_meeting: SP-11

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

WG (prime / other): S4 / - rapporteur: SUERBAUM, Clemens SIEMENS AG

G: U: yes MCC: USAI, Paulino

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

remarks - this release: TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.

Rel-4 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

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Server ACTIVE specs Rel-4 29 .- series
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TS 29.002 Mobile Application Part (MAP) specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0	get it	<i>remarks - general:</i>
edito	04/08/2000	4	.	0	.	1	get it	<i>remarks - this release:</i>
edito	11/08/2000	4	.	0	.	2	get it	
NP-09	26/10/2000	4	.	1	.	0	get it	
NP-10	20/12/2000	4	.	2	.	0	get it	
edito	01/02/2001	4	.	2	.	1	get it	
NP-11	06/04/2001	4	.	3	.	0	get it	
NP-12	06/07/2001	4	.	4	.	0	get it	
edito	16/08/2001	4	.	4	.	1	get it	
NP-13	03/10/2001	4	.	5	.	0	get it	
NP-14	18/01/2002	4	.	6	.	0	get it	
NP-15	04/04/2002	4	.	7	.	0	get it	
NP-16	21/06/2002	4	.	8	.	0	get it	

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:* 4.4.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-09	12/10/2000	4	.	0	.	0	get it	<i>remarks - general:</i>
NP-10	04/01/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
NP-11	29/03/2001	4	.	2	.	0	get it	
NP-14	11/01/2002	4	.	3	.	0	get it	
NP-16	24/06/2002	4	.	4	.	0	get it	

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

Rel-4 *current version:* Procedures and the Mobile Application Part (MAP) 4.3.0WG *(prime / other):* N4 / - *rapporteur:* VACANT,

freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-11	30/03/2001	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)
NP-12	06/07/2001	4	.	1	.	0	get it	<i>remarks - this release:</i>
NP-14	11/01/2002	4	.	2	.	0	get it	
NP-16	21/06/2002	4	.	3	.	0	get it	

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TS 29.011 Signalling Interworking for Supplementary Services

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
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:*

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-13 03/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-14 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](#)

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 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-11 30/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>		
	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			

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			

TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	NP-11 29/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4	
	NP-12 03/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 3	
	NP-13 03/10/2001 4 . 2 . 0	get it			
	NP-14 04/01/2002 4 . 3 . 0	get it			
	NP-15 19/03/2002 4 . 4 . 0	get it			
	NP-16 17/06/2002 4 . 5 . 0	get it			

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

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TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface					
Rel-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	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8:Appeared as v2.0.0 (RP-000258)			
	RP-13 12/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-16 28/06/2002 4 . 2 . 0	get it				

TS 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> AIKAWA, Shinichiro	Fujitsu Limited		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i>			

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MITAMURA, Kazuo	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-09 25/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> New after TSG#5			
			<i>remarks - this release:</i>			

TS 29.198-01	Open Service Access (OSA) Application Programming Interface (API); Part 1: Overview					
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> MOERDIJK, Ard-Jan	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> NP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	NP-11 27/03/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-12 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-13 08/10/2001 4 . 2 . 0	get it				
	NP-14 08/01/2002 4 . 3 . 0	get it				
	edito 20/03/2002 4 . 3 . 1	get it				

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

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy / Lucent Technologies Network Systems UK
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-16 05/07/2002 4 . 5 . 0 [get it](#)

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

Rel-4 *current version:* 4.4.0 *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 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
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](#)

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

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* MCQUILLAN, Laura LOGICA ALDISCON
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 29.198-06 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](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

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](#)

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

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

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

Rel-4 *current version:* 4.4.0 *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](#)

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](#)

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 *remarks - general:*
edito 27/03/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
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](#)

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TS 29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3					
Rel-4	current version: 4.1.1	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		get it	remarks - general:	
edito	09/05/2001	4 . 0 . 1		get it	remarks - this release:	
NP-13	03/10/2001	4 . 1 . 0		get it		
correct references	25/06/2002	4 . 1 . 1		get it		

TS 29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3					
Rel-4	current version: 4.2.0	WG (prime / other):	N4 /	rapporteur:	HEIDERMARK, Alf	Telefon AB LM Ericsson
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
NP-11	30/03/2001	4 . 0 . 0		get it	remarks - general:	
NP-12	04/07/2001	4 . 1 . 0		get it	remarks - this release:	
NP-13	03/10/2001	4 . 2 . 0		get it		

TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3					
Rel-4	current version: 4.5.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: SP-11	G:	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
history (event, available, version,						
NP-10	12/01/2001	1 . 0 . 0	NP-000652	get it	remarks - general:	Additional rapporteur: Laura.Pomponi@CSELT.IT
NP-11	30/03/2001	4 . 0 . 0		get it	remarks - this release:	
NP-12	04/07/2001	4 . 1 . 0		get it		
NP-13	05/10/2001	4 . 2 . 0		get it		
NP-14	11/01/2002	4 . 3 . 0		get it		
NP-15	28/03/2002	4 . 4 . 0		get it		
NP-16	21/06/2002	4 . 5 . 0		get it		

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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	<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-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	<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-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> tbd	G: yes U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> tbd	G: yes U: yes	Peter Skov			
	<i>history (event, available, version,</i>		<i>MCC:</i> JORGENSEN, Per Johan			
	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.			

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TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	NP-11 02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>

TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping			
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	NP-11 02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
	NP-12 29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
	NP-13 05/10/2001	4 . 2 . 0	get it	

TR 29.998-05-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 1: API to CAP Mapping			
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	NP-11 02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>

TR 29.998-05-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 4: API to SMS Mapping			
Rel-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-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	NP-11 26/03/2001	1 . 0 . 0	get it	<i>remarks - general:</i>
	edito 02/04/2001	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	

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	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.
	<i>freeze_meeting:</i> NP-11	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
	NP-11 02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>

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TR 29.998-08 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:* KYMALAINEN, Kimmo ETSI Secretariat
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. post-NP-16: No Rel-5 needed.

TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* 2.2.0 DRAFT *WG (prime / other):* R4 / - *rapporteur:* IWASA, Masaaki MOTOROLA JAPAN LTD
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
draft 21/12/2000 0 . 8 . 6 [get it](#) *remarks - this release:* RP-15: Not to be promoted to Rel-5.
RP-04 23/06/1999 1 . 0 . 0 [get it](#)
RP-05 13/10/1999 1 . 4 . 0 [get it](#)
RP-06 17/12/1999 2 . 0 . 0 [get it](#)
RP-08 23/06/2000 2 . 2 . 0 [get it](#)

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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Server ACTIVE specs Rel-4 31 .- series
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 / - G: yes U: yes	rapporteur: VIALLET, Sophie MCC: DIETZE, Claus	GEMPLUS Card International	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 G: U: yes	rapporteur: VESTERGAARD, Peter MCC: DIETZE, Claus	NOKIA UK Ltd	get it remarks - general: Contents is a reference to ETSI TR 102 221. remarks - this release:
TS 31.102	Characteristics of the USIM Application	Rel-4	current version: 4.5.0 freeze_meeting: SP-11 history (event, available, version, TP-11 09/04/2001 4 . 0 . 0 TP-12 23/07/2001 4 . 1 . 0 TP-13 11/10/2001 4 . 2 . 0 TP-14 17/01/2002 4 . 3 . 0 TP-15 28/03/2002 4 . 4 . 0 TP-16 28/06/2002 4 . 5 . 0	WG (prime / other): T3 / - G: U: yes	rapporteur: HEIM, Christian MCC: DIETZE, Claus	GIESECKE & DEVRIENT GmbH	get it remarks - general: get it remarks - this release: get it get it get it get it
TS 31.110	Numbering system for telecommunication IC card applications	Rel-4	current version: 4.1.0 freeze_meeting: SP-11 history (event, available, version, TP-11 16/05/2001 4 . 0 . 0 TP-14 16/01/2002 4 . 1 . 0	WG (prime / other): T3 / - G: U: yes	rapporteur: DIETRICH, Christian MCC: DIETZE, Claus	SchlumbergerSema - Schlumberger Systèmes S.A	late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only 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 101 220.

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TS 31.111	USIM Application Toolkit (USAT)						
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd			
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>						
	TP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.			
	TP-10 05/01/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	TP-11 09/04/2001 4 . 2 . 0	get it					
	edito 10/04/2001 4 . 2 . 1	get it					
	TP-12 06/07/2001 4 . 3 . 0	get it					
	TP-13 12/10/2001 4 . 4 . 0	get it					
	TP-14 16/01/2002 4 . 5 . 0	get it					
	TP-15 28/03/2002 4 . 6 . 0	get it					
	TP-16 28/06/2002 4 . 7 . 0	get it					

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	ORGA Kartensysteme GmbH			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>						
			<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP			
			<i>remarks - this release:</i>	Created belatedly when R99 version was reinstated after TP-12. Anticipate document at TP-13.			

TS 31.121	UICC-terminal interface; USIM application test specification						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> AFCHAR, Ramin	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-12	G: 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>	based on R99 core spec; split into 2 parts (this is 2)			
	TP-16 19/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>				

TS 31.122	USIM conformance test specification						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KNIGHT, Simon	ASPECTS Software Ltd			
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>						
			<i>remarks - general:</i>	based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was			
			<i>remarks - this release:</i>	split into two parts			

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TS 32.101 3G Telecom 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](#)

TS 32.102 3G Telecom 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](#)

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:* TOVINGER, Thomas Telefon AB LM Ericsson
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:

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
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](#)

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 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1								
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-12	04/07/2001	4 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts					
SP-13	05/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					
SP-15	26/03/2002	4 . 2 . 0	get it						
SP-16	20/06/2002	4 . 3 . 0	get it						

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						

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					

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 32.205	Telecommunication management; Charging management; 3G charging data description for the CS domain				
Rel-4	current version: 4.2.0	WG (prime / other): S5 /	rapporteur: BENDER, James	Nortel Networks (USA)	
	freeze_meeting: SP-11	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
SP-11	29/03/2001	1 . 0 . 0	get it	remarks - general:	
SP-12	18/06/2001	1 . 1 . 1	get it	remarks - this release:	SP-010236
SP-13	26/09/2001	2 . 0 . 0	get it		SP-010464
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		

TS 32.215	Telecommunications management; Charging management; Charging data description for the Packet Switched (PS) domain				
Rel-4	current version: 4.3.0	WG (prime / other): S5 /	rapporteur: LEHNERT, Matthias	ALCATEL S.A.	
	freeze_meeting: tbd	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
SP-12	18/06/2001	1 . 0 . 1	get it	remarks - general:	SP-010236
SP-13	01/10/2001	2 . 0 . 0	get it	remarks - this release:	SP-010464
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		

TS 32.235	Telecommunication management; Charging management; Charging data description for application services				
Rel-4	current version: 4.2.0	WG (prime / other): S5 /	rapporteur: GOERMER, Gerald	SIEMENS AG	
	freeze_meeting: tbd	G: U: yes	MCC: ZOICAS, Adrian		
history (event, available, version,					
SP-12	18/06/2001	1 . 0 . 1	get it	remarks - general:	SP-010236
SP-13	01/10/2001	2 . 0 . 0	get it	remarks - this release:	SP-010464
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		

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

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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> 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 32.301-1		
	SP-12 03/07/2001 4 . 0 . 0				get it	<i>remarks - this release:</i>	.		
	edito 26/03/2002 4 . 0 . 1				get it				
<hr/>									
TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service version 1								
Rel-4	<i>current version:</i> 4.1.0	<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 32.301-2		
	SP-12 04/07/2001 4 . 0 . 0				get it	<i>remarks - this release:</i>	.		
	SP-14 11/01/2002 4 . 1 . 0				get it				
<hr/>									
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set version 1:1								
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 32.301-3		
	SP-12 03/07/2001 4 . 0 . 0				get it	<i>remarks - this release:</i>	.		
	SP-13 05/10/2001 4 . 1 . 0				get it				
	SP-15 26/03/2002 4 . 2 . 0				get it				

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

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TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point: CMIP Solution Set Version 1:1				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-4	
SP-12	04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-13	05/10/2001	4 . 1 . 0	get it		
SP-15	26/03/2002	4 . 2 . 0	get it		

TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements				
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-1	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
edito	12/07/2001	4 . 0 . 1	get it		

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> 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 32.112-2	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	

TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> tbd	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	get it		SP-010467
SP-13	05/10/2001	4 . 0 . 0	get it		
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 32.403	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		

TS 32.600	Telecommunication management; Configuration Management (CM); Configuration Management (CM); Concept and main 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 18/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i> Replaces 32.106 (pars).	
	SP-12 03/07/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> .	

TS 32.601	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i> was 32.601-1	
	SP-12 03/07/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> .	

TS 32.602	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information model				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-12 21/06/2001 2 . 0 . 0		get it	<i>remarks - general:</i> was 32.601-2	
	SP-12 03/07/2001 4 . 0 . 0		get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001 4 . 1 . 0		get it		

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

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TS 32.603 Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.3.1 *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 32.601-3

SP-12 03/07/2001 4 . 0 . 0

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

SP-13 05/10/2001 4 . 1 . 0

[get it](#)

SP-15 27/03/2002 4 . 2 . 0

[get it](#)

SP-16 20/06/2002 4 . 3 . 0

[get it](#)

post SP-16 04/07/2002 4 . 3 . 1

[get it](#)

correction of
cover page

TS 32.604 Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) CMIP solution set

Rel-4 *current version:* 4.2.0 *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 32.601-4

SP-12 03/07/2001 4 . 0 . 0

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

SP-13 05/10/2001 4 . 1 . 0

[get it](#)

SP-14 11/01/2002 4 . 2 . 0

[get it](#)

TS 32.611 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* 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 32.602-1

SP-12 03/07/2001 4 . 0 . 0

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

TS 32.612 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information service

Rel-4 *current version:* 4.2.0 *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 32.602-2

SP-12 04/07/2001 4 . 0 . 0

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

SP-13 05/10/2001 4 . 1 . 0

[get it](#)

SP-16 21/06/2002 4 . 2 . 0

[get it](#)

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.613 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-3
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
SP-16 21/06/2002 4 . 2 . 0 [get it](#)

TS 32.614 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-16 21/06/2002 4 . 2 . 0 [get it](#)

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:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)

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:* .

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 32.622 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](#)

TS 32.624 Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-4
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-14 11/01/2002 4 . 2 . 0 [get it](#)
SP-15 27/03/2002 4 . 3 . 0 [get it](#)
SP-16 28/06/2002 4 . 4 . 0 [get it](#)

TS 32.631 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements

Rel-4 *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 32.621-1
SP-12 03/07/2001 4 . 0 . 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-4 32 .- series
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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>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 21/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 03/07/2001 4 . 0 . 0	get it <i>remarks - general:</i> was 32.621-2
SP-14 11/01/2002 4 . 1 . 0	get it <i>remarks - this release:</i> .
SP-16 28/06/2002 4 . 2 . 0	get it

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set
Rel-4	<i>current version:</i> 4.1.0
	<i>freeze_meeting:</i> SP-12
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> ZHOU, Di SIEMENS AG
SP-12 21/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 03/07/2001 4 . 0 . 0	get it <i>remarks - general:</i> was 32.621-3
SP-16 28/06/2002 4 . 1 . 0	get it <i>remarks - this release:</i> .

TS 32.634	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set
Rel-4	<i>current version:</i> 4.1.0
	<i>freeze_meeting:</i> SP-12
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 21/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
SP-12 03/07/2001 4 . 0 . 0	get it <i>remarks - general:</i> was 32.621-4
SP-13 05/10/2001 4 . 1 . 0	get it <i>remarks - this release:</i> .

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>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> PIRT, Trevor MOTOROLA Ltd
SP-12 21/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
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> .

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

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-16 28/06/2002 4 . 1 . 0 [get it](#)

TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-3
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

TS 32.644 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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](#)

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:* .

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

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.652 Telecommunication management; Configuration Management (CM); GERAN 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:* *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](#)

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](#)

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:* TOVINGER, Thomas Telefon AB LM Ericsson
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 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 (for approval!)
SP-12 03/07/2001 4 . 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-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

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	
SP-12	04/07/2001	4	.	1	.	0	get it remarks - general:
SP-13	03/10/2001	4	.	2	.	0	get it remarks - this release:
SP-14	07/01/2002	4	.	3	.	0	get it
SP-16	19/06/2002	4	.	4	.	0	get it

TS 33.103	3G security; Integration guidelines						
Rel-4	current version: 4.2.0	WG (prime / other):	S3 / -	rapporteur:	BLANCHARD, Colin	BT Group Plc	
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice		
history (event, available, version,							
SP-11	11/04/2001	4	.	0	.	0	get it remarks - general:
SP-12	04/07/2001	4	.	1	.	0	get it remarks - this release: 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	current version: 4.1.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation	
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice		
history (event, available, version,							
SP-11	11/04/2001	4	.	0	.	0	get it remarks - general:
SP-12	04/07/2001	4	.	1	.	0	get it remarks - this release: SP-15: Not to be promoted to Rel-5.

TS 33.106	Lawful interception requirements						
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT	
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice		
history (event, available, version,							
SP-11	04/04/2001	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 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.107	3G security; Lawful interception architecture and functions								
Rel-4	current version: 4.3.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT			
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
history (event, available, version,									
SP-11	04/04/2001	4	.	0	.	0		get it	remarks - general:
SP-13	03/10/2001	4	.	1	.	0		get it	remarks - this release:
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	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
history (event, available, version,									
SP-11	10/04/2001	4	.	0	.	0		get it	remarks - general:
									remarks - this release: SP-15: Not to be promoted to Rel-5.

TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security								
Rel-4	current version: 4.3.0	WG (prime / other):	S3 / -	rapporteur:	ESCOTT, Adrian	Hutchison 3G UK Limited			
	freeze_meeting: SP-12	G:	U: yes	MCC:	POPE, Maurice				
history (event, available, version,									
draft	26/06/2001	1	.	0	.	1		get it	remarks - general: 2001-05-24: title grows MAP; see 33.210 for IP equivalent.
SA-12		2	.	0	.	0	SP-010322, ed notes in SP-010347	get it	remarks - this release:
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	

TR 33.901	Criteria for cryptographic Algorithm design process								
Rel-4	current version: 4.0.0	WG (prime / other):	S3 / -	rapporteur:	BLOM, Rolf	Telefon AB LM Ericsson			
	freeze_meeting: SP-11	G:	U: yes	MCC:	POPE, Maurice				
history (event, available, version,									
SP-11	03/10/2001	4	.	0	.	0		get it	remarks - general:
									remarks - this release: 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 33.902	Formal Analysis of the 3G Authentication Protocol					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 03/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
TR 33.903	Access Security for IP based services					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> tbd	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TR 33.904	Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / SAG	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	E	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	G: U: yes				
			<i>remarks - general:</i> Source: ETSI SAGE.			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 03/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i> TSG#7: S3-000105=NP-000049			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
TR 33.909	3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> 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	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
	spec number					

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

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:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nuhman 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](#)

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](#)

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:* 4.4.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-13 03/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 09/01/2002 4 . 2 . 0 [get it](#)
TP-15 21/03/2002 4 . 3 . 0 [get it](#)
TP-16 17/06/2002 4 . 4 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 34 .- series
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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 ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-13 03/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
TP-16 19/06/2002 4 . 3 . 0 [get it](#)

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-13 04/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 21/03/2002 4 . 2 . 0 [get it](#)
TP-16 19/06/2002 4 . 3 . 0 [get it](#)

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSs)

Rel-4 *current version:* none *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
remarks - general:
remarks - this release:

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 [get it](#) *remarks - general:*
TP-10 09/01/2001 1 . 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 34.926 Table of international EMC requirements
Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
TP-09 06/10/2000 1 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-10 09/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:*

Rel-4 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201 Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
SP-14 07/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 35.202 Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

TS 35.203 Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 28/08/2001 4 . 0 . 0 [get it](#) *remarks - general:* ex SAGE; supplied by ETSI under licence
remarks - this release:

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 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data	Rel-4	current version: 4.0.0	WG (prime / other): S3 / -	rporteur: WALKER, Michael	VODAFONE Group Plc
	freeze_meeting: SP-11			G: U: yes	MCC: POPE, Maurice	
	history (event, available, version, SP-11 28/08/2001 4 . 0 . 0			get it	remarks - general: ex SAGE; supplied by ETSI under licence	remarks - this release:
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-4	current version: Document 1: General	4.0.0	WG (prime / other): S3 / -	rporteur: WALKER, Michael
	VODAFONE Group Plc			G: U: yes	MCC: POPE, Maurice	
	freeze_meeting: SP-11					
	history (event, available, version, SP-11 09/05/2001 4 . 0 . 0			get it	remarks - general: ex SAGE. 2002-06: clarified that deliverable is TS not TR.	remarks - this release: TSG#11:changed to Rel-4.
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-4	current version: Document 2: Algorithm specification	4.0.0	WG (prime / other): S3 / -	rporteur: WALKER, Michael
	VODAFONE Group Plc			G: U: yes	MCC: POPE, Maurice	
	freeze_meeting: SP-11					
	history (event, available, version, SP-11 09/05/2001 4 . 0 . 0			get it	remarks - general: ex SAGE	remarks - this release: TSG#11:changed to Rel-4
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-4	current version: Document 3: Implementors' test data	4.0.0	WG (prime / other): S3 / -	rporteur: WALKER, Michael
	VODAFONE Group Plc			G: U: yes	MCC: POPE, Maurice	
	freeze_meeting: SP-11					
	history (event, available, version, SP-11 09/05/2001 4 . 0 . 0			get it	remarks - general: ex SAGE	remarks - this release: TSG#11:changed to Rel-4
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	Rel-4	current version: Document 4: Design conformance test data	4.0.0	WG (prime / other): S3 / -	rporteur: WALKER, Michael
	VODAFONE Group Plc			G: U: yes	MCC: POPE, Maurice	
	freeze_meeting: SP-11					
	history (event, available, version, SP-11 09/05/2001 4 . 0 . 0			get it	remarks - general: ex SAGE	remarks - this release: TSG#11:changed to Rel-4

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

TR 35.909 3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;
Rel-4 *current version:* Document 5: Summary and results of design and evaluation 4.0.0WG (prime / other): S3 / - *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice

history (event, available, version, SP-11 09/05/2001 4 . 0 . 0

[get it](#) *remarks - general:* ex SAGE
remarks - this release: TSG#11: Formerly 35.209 Rel-99 (but never made available)

Rel-4 41 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
Rel-4 *current version:* 4.0.1 WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice

history (event, available, version, SP-11 10/04/2001 4 . 0 . 0
edito 02/05/2001 4 . 0 . 1

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

TR 41.033 Lawful Interception requirements for GSM
Rel-4 *current version:* 4.0.1 WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice

history (event, available, version, SP-11 4 . 0 . 0
edito 02/05/2001 4 . 0 . 1

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

TS 41.061 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
Rel-4 *current version:* 4.0.0 WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 G: yes U: MCC: POPE, Maurice

history (event, available, version, SP-11 10/04/2001 4 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: 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 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.102 GSM Release 4 specifications

Rel-4 *current version:* 4.5.1
freeze_meeting: SP-11
history (event, available, version,

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

SP-10 1 . 0 . 0
SP-10 04/01/2001 1 . 0 . 1
SP-11 11/04/2001 4 . 0 . 0
SP-12 05/07/2001 4 . 1 . 0
SP-13 01/10/2001 4 . 2 . 0
SP-14 03/01/2002 4 . 3 . 0
SP-15 27/03/2002 4 . 4 . 0
SP-16 19/06/2002 4 . 5 . 0
post SP-16 25/06/2002 4 . 5 . 1
editorial

remarks - general: Né 41.001; renumbered at TSG#10.
remarks - this release:

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

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 / *rapporteur:* CHRISTOFFERSSON, TELIA PROMOTOR AB
NP
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0

remarks - general:
remarks - this release: SP-15: Not to be promoted to Rel-5.

[get it](#)

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
G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0

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-4 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>								
	TP-12 06/07/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 42.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 42.033	Lawful Interception; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S3 /	<i>rapporteur:</i>	MCKIBBEN, Bernie	MOTOROLA GmbH			
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	Was 22.043 at Rel99.			
					<i>remarks - this release:</i>				
<hr/>									
TS 42.056	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GALLIGO, Michel	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11	G: yes U:		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.068 Voice Group Call Service (VGCS); Stage 1
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 23/06/2000 4 . 0 . 0 32,304 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

TS 42.069 Voice Broadcast Service (VBS); Stage 1
Rel-4 *current version:* 4.1.0 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: SP-11 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#)

Rel-4 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.005 Technical performance objectives
Rel-4 *current version:* 4.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 43.010 GSM Public Land Mobile Network (PLMN) connection types
Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-10 08/01/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-11 06/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-11 23/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i> For test spec, see 51.013.			
	TP-14 17/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-16 25/06/2002 4 . 2 . 0	get it				
<hr/>						
TS 43.020	Security-related network functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-11	GP	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	G: yes U:				
	SP-09 04/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 10/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000.			
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	GP-02 24/11/2000 4 . 1 . 0	get it				
	edito 30/11/2000 4 . 1 . 1	get it				
	GP-03 15/02/2001 4 . 2 . 0	get it				
	GP-05 05/10/2001 4 . 3 . 0	get it				
	GP-10 19/07/2002 4 . 4 . 0	get it				

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

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-04 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	re-issue as TR 31/07/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	(not TS) as per					
	03.26					
<hr/>						
TS 43.030	Radio network planning aspects					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-01 10/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	reissue as TR					
	instead of TS					
<hr/>						
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		
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: POPE, Maurice	One		
	<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:	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>			

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.045	Technical Realization of Facsimile Group 3 Service - transparent						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</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	ETSI Secretariat			
	<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>	
<hr/>							
TS 43.055	Dual Transfer Mode (DTM); Stage 2						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTÍNEZ, José Luis	VODAFONE Group Plc			
	<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 GP-05 29/06/2001 4 . 1 . 0				get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>							
TR 43.058	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>	
<hr/>							

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
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](#)

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

Rel-4 *current version:* 4.2.2 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-09 12/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
edito 24/10/2000 4 . 1 . 1 [get it](#)
NP-10 02/01/2001 4 . 2 . 0 [get it](#)
edito 17/06/2002 4 . 2 . 1 [get it](#)
edito 28/06/2002 4 . 2 . 2 [get it](#)

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

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.069 Voice Broadcast service (VBS); Stage 2

Rel-4 *current version:* 4.2.2
freeze_meeting: SP-11
history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
NP-09 12/10/2000 4 . 1 . 0
edito 28/06/2002 4 . 1 . 1
edito 24/10/2000 4 . 1 . 1
NP-10 03/01/2001 4 . 2 . 0
edito 06/06/2002 4 . 2 . 1
Note 1 to 9 and 27/06/2002 4 . 2 . 2
Note 2 to 10 in
fig. 4

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](#)
[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 = 23.073 v4.0.0

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

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

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

history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-16 20/06/2002 4 . 1 . 0

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

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 44.003	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
	<i>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> <i>remarks - this release:</i>
<hr/>						
TS 44.004	Layer 1 - General Requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG		
	<i>freeze_meeting:</i> GP-04	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 4 . 0 . 0				get it	<i>remarks - general:</i>
	GP-06 14/09/2001 4 . 1 . 0				get it	<i>remarks - this release:</i>
	GP-07 08/01/2002 4 . 2 . 0				get it	
<hr/>						
TS 44.005	Data Link (DL) Layer General Aspects					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
	<i>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> <i>remarks - this release:</i>
<hr/>						
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04		Peter Skov			
	<i>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>
	GP-08 19/02/2002 4 . 1 . 0				get it	<i>remarks - this release:</i>
<hr/>						
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.

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TS 44.013 Performance Requirements on Mobile Radio Interface

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

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

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 18/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-10 19/07/2002 4 . 2 . 0 [get it](#)

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
04.18 to 3G 10/08/2000 4 . 0 . 0 [get it](#) *remarks - general:*
GP-01 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:* #32:9.0.0 MCC-converted Aug00:
edito 24/10/2000 4 . 1 . 1 [get it](#)
GP-02 21/12/2000 4 . 2 . 0 [get it](#)
GP-03 31/01/2001 4 . 3 . 0 [get it](#)
GP-04 04/05/2001 4 . 4 . 0 [get it](#)
GP-05 18/06/2001 4 . 5 . 0 [get it](#)
GP-06 10/09/2001 4 . 6 . 0 [get it](#)
GP-07 08/01/2002 4 . 7 . 0 [get it](#)
GP-08 19/02/2002 4 . 8 . 0 [get it](#)
GP-09 02/05/2002 4 . 9 . 0 [get it](#)
edito post GP-09 28/05/2002 4 . 9 . 1 [get it](#)
GP-10 19/07/2002 4 . 10 . 0 [get it](#)

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TS 44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Rel-4	<i>current version:</i> 4.0.0		<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-10 21/12/2000	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-4	<i>current version:</i> 4.6.0		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)		
	<i>freeze_meeting:</i> GP-04		G: yes U:		<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	GP-05 18/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	GP-06 14/09/2001	4 . 2 . 0		get it					
	GP-07 08/01/2002	4 . 3 . 0		get it					
	GP-08 19/02/2002	4 . 4 . 0		get it					
	GP-09 02/05/2002	4 . 5 . 0		get it					
	GP-10 19/07/2002	4 . 6 . 0		get it					
<hr/>									
TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)		
	<i>freeze_meeting:</i> GP-04		G: yes U:		<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	GP-07 08/01/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HUPPERICH, Peter		ALCATEL Kommunikations-Elektronik GmbH		
	<i>freeze_meeting:</i> SP-11		G: yes U:		<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH					
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC:	JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol								
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-04	G: yes U:	MCC:	THOMASEN, Gert					
	<i>history (event, available, version,</i>								
	GP-03 31/01/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System				
	GP-04 04/05/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	(BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol				
	GP-05 18/06/2001	4 . 2 . 0	get it						
	GP-06 14/09/2001	4 . 3 . 0	get it						
	GP-07 09/01/2002	4 . 4 . 0	get it						
	GP-08 19/02/2002	4 . 5 . 0	get it						
	GP-09 03/05/2002	4 . 6 . 0	get it						
	edito post GP-09 28/05/2002	4 . 6 . 1	get it						
	GP-10 19/07/2002	4 . 7 . 0	get it						
<hr/>									
TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification								
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH					
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC:	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						
<hr/>									
TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)								
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH					
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC:	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						

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Server ACTIVE specs Rel-4 44 .- series
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TS 44.068 Group Call Control (GCC) Protocol

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
conversion to 06/09/2000 4 . 0 . 0
3GPP format
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-12 29/06/2001 4 . 2 . 0
NP-16 19/06/2002 4 . 3 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 44.069 Broadcast Call Control (BCC) protocol

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
NP-08 23/06/2000 4 . 0 . 0
NP-09 12/10/2000 4 . 1 . 0
edito 24/10/2000 4 . 1 . 1
NP-12 29/06/2001 4 . 2 . 0
NP-16 19/06/2002 4 . 3 . 0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 44.071 Location Services (LCS); Mobile radio interface layer 3 LCS specification

Rel-4 *current version:* 4.3.0
freeze_meeting: GP-04
history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-05 18/06/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0
GP-10 19/07/2002 4 . 3 . 0

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

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

Rel-4 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

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Server ACTIVE specs Rel-4 45 .- series
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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](#)

TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 06/02/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-07 04/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*

TS 45.004 Modulation

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-04 18/06/2001 4 . 0 . 0 [get it](#) *remarks - general:*
GP-05 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 04/01/2002 4 . 2 . 0 [get it](#)

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TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.8.0

freeze_meeting: SP-11

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

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-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

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

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TS 45.008 Radio subsystem link control

Rel-4 *current version:* 4.9.0

freeze_meeting: SP-11

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

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

VODAFONE Group Plc

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

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

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TS 45.009	Link adaptation					
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-11			Peter Skov		
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-02 06/02/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-06 01/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	GP-07 04/01/2002	4 . 2 . 0	get it			
<hr/>						
TS 45.010	Radio subsystem synchronization					
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> SP-11		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-04 20/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>		
	GP-07 04/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	GP-08 19/02/2002	4 . 2 . 0	get it			
	GP-10 19/07/2002	4 . 3 . 0	get it			
<hr/>						
TR 45.022	Radio link management in hierarchical networks					
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11		<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/>						
TR 45.050	Background for RF Requirements					
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<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>		
	make figures 01/08/2001	4 . 0 . 1	get it	<i>remarks - this release:</i>		
	legible					

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

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

TS 46.002 Half Rate Speech Processing Functions
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:* AFTELAK, Steve MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

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

TS 46.006 Half-rate speech: ANSI-C code for GSM half-rate speech codec
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:* AFTELAK, Steve MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino

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remarks - this release:

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

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TS 46.007	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 46.008	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.010	Full-rate speech transcoding					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 46.012	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 29/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			

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TS 46.020	Half Rate Speech Transcoding					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.021	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.022	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<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>

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TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-11	G: yes U:		MCC:	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:		MCC:	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:		MCC:	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 46.053	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:		MCC:	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:		MCC:	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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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>
<hr/>						
TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</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		ETSI Secretariat	
	<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>	

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TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-11 10/04/2001	4 . 0 . 0		get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes U:		MCC:	USAI, Paolino				
history (event, available, version,	SP-11 10/04/2001	4 . 0 . 0		get it	remarks - general:				
					remarks - this release:				
<hr/>									
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation								
Rel-4	current version: 4.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	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:				

Rel-4 48 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.001	General Aspects on the BSS-MSC Interface								
Rel-4	current version: 4.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes U:		MCC:	Peter Skov				
history (event, available, version,	GP-04 04/05/2001	4 . 0 . 0		get it	THOMASEN, Gert				
					remarks - general:				
					remarks - this release:				

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TS 48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles								
Rel-4	<i>current version:</i> 4.2.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04				Peter Skov				
				<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	GP-05 18/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	GP-07 08/01/2002	4 . 2 . 0	Rel-5 CR undone. Effectively reverts to 4.0.0	get it					

TS 48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04				Peter Skov				
				<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

TS 48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface								
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-04				Peter Skov				
				<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-04 04/05/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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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 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04

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

history (event, available, version,

08.08 to 3G	11/08/2000	4	.	0	.	0
GP-01	11/10/2000	4	.	1	.	0
edito	24/10/2000	4	.	1	.	1
GP-02	11/01/2001	4	.	2	.	0
GP-03	31/01/2001	4	.	3	.	0
GP-04	04/05/2001	4	.	4	.	0
GP-06	14/09/2001	4	.	5	.	0
GP-07	08/01/2002	4	.	6	.	0
GP-08	19/02/2002	4	.	7	.	0
GP-10	19/07/2002	4	.	8	.	0

[get it](#) *remarks - general:*
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TS 48.014 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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
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remarks - this release:

TS 48.016 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

Rel-4 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04

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

history (event, available, version,

GP-02	17/11/2000	4	.	0	.	0
GP-04	04/05/2001	4	.	1	.	0
edito	07/06/2001	4	.	1	.	1
GP-06	14/09/2001	4	.	2	.	0

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[get it](#) *remarks - this release:*
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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> 4.0.0	<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>					
				<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:	Peter Skov						
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert						
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-05 18/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					

TS 48.051	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04	G: yes U:	Peter Skov						
	<i>history (event, available, version,</i>		<i>MCC:</i> THOMASEN, Gert						
	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>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 edito 15/05/2001 4 . 0 . 1	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it <i>remarks - general:</i> get it <i>remarks - this release:</i>				
<hr/>						
TS 48.054	BSC-BTS : 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>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it <i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>						
TS 48.056	BSC-BTS 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>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		get it <i>remarks - general:</i> <i>remarks - this release:</i>				
<hr/>						
TS 48.058	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.1.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	<i>history (event, available, version,</i> GP-04 04/05/2001 4 . 0 . 0 GP-08 19/02/2002 4 . 1 . 0	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
		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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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 *current version:* 4.1.0 *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 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
edito 28/05/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-08 19/02/2002 4 . 1 . 0 [get it](#)

TS 48.061 In-band control of remote transcoders and rate adaptors for half rate traffic channels
Rel-4 *current version:* 4.1.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-04 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
GP-08 19/02/2002 4 . 1 . 0 [get it](#) *remarks - this release:* Cover sheet still shows version 4.0.0 and wrong date.
editorial pody 20/03/2002 4 . 1 . 1 [get it](#)
GP-08

TS 48.071 Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification
Rel-4 *current version:* 4.3.0 *WG (prime / other):* G2 / - *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-06 14/09/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
GP-07 08/01/2002 4 . 2 . 0 [get it](#)
GP-08 19/02/2002 4 . 3 . 0 [get it](#)

Rel-4 49 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

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

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Server ACTIVE specs Rel-4 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.001 General network interworking scenarios

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
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: 4.9.0 WG (prime / other): G5 / S1 / rapporteur: HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

conversion from 01/08/2000 4 . 0 . 1

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

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remarks - general: 2001-11-19: G4->G5.
remarks - this release: #32:9.0.0 MCC-converted Aug00:4.0.1

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:* 4.6.0 *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

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release:

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

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.7.0 *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

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
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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Server ACTIVE specs Rel-4 51 .- series
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	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> G5 / G4, T3	<i>rapporteur:</i> HU, Shicheng	ETSI Secretariat				
	<i>freeze_meeting:</i> SP-14								
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> SALMERON, Lidia					
	TP-14 02/01/2002	0 . 0 . 1				get it	<i>remarks - general:</i> 2001-11-19: G4->G5. TP-14: may be txferred to T3.		<i>remarks - this release:</i> .
<hr/>									
TS 51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
Rel-4	<i>current version:</i> 4.4.0		<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			
<hr/>									
TS 51.013	Test specification for SIM API for Java card								
Rel-4	<i>current version:</i> 1.0.0	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>		<i>remarks - this release:</i> TP-15: New WI approved in TP-020029.
<hr/>									
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> .		
<hr/>									
TS 51.026	GSM Repeater Equipment Specification								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-13		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino					
	<i>history (event, available, version,</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 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-09 06/05/2002 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-13 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402 [get it](#) *remarks - general:* SP-13: replaces 32.402.
SP-16 20/06/2002 4 . 1 . 0 [get it](#) *remarks - this release:* .

R99

R99 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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

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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 GSM Release 1999 Specifications

R99 *current version:* 8.6.0

freeze_meeting: SP-06

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

history (event, available, version,

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 cmts 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 with 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

[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

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael ETSI Secretariat

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

history (event, available, version,

upgrade to R99 10/05/2000 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 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
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	current version: 8.0.0	WG (prime / other):	T3 / S1	rapporteur:	HOOKER, Philip	ORANGE PCS LTD		
	freeze_meeting: SP-06	G: yes U:		MCC:	DIETZE, Claus			
	history (event, available, version, smg-30 11/11/1999 8 . 0 . 0			get it	remarks - general: remarks - this release:			
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1							
R99	current version: 8.0.0	WG (prime / other):	T3 / -	rapporteur:	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	freeze_meeting: SP-12	G: yes U:		MCC:	DIETZE, Claus			
	history (event, available, version, TP-12 01/02/2002 8 . 0 . 0 delayed awaiting 11.14			get it	remarks - general: SMG9->T3@#31 remarks - this release: Target: Mid-2001; must await stable 11.14 R99. TP-12: approved. 2002-01-31: (Sanders) reinstated to fill the gap between R98 and Rel-4!			
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1							
R99	current version: 8.0.1	WG (prime / other):	S3 /	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	freeze_meeting: SP-06	G: yes U:		MCC:	POPE, Maurice			
	history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1			get it	remarks - general: remarks - this release: .			
TS 02.33	Lawful Interception (LI); Stage 1							
R99	current version: 8.0.1	WG (prime / other):	S3 /	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH		
	freeze_meeting: SP-06	G: yes U:		MCC:	POPE, Maurice			
	history (event, available, version, Upgrade to R99 14/04/2000 8 . 0 . 0 ETSI publication 05/06/2001 8 . 0 . 1			get it	remarks - general: remarks - this release: .			
TS 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1							
R99	current version: 8.0.0	WG (prime / other):	S1 /	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: SP-06	G: yes U:		MCC:	CLAYTON, Michael			
	history (event, available, version, SP-11 02/05/2001 8 . 0 . 0			get it	remarks - general: remarks - this release: TSG#11:R98 upgraded to Rel-4 (42.043) so assume we need a Rel-1999 version			

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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

WG (prime / other): T3 / S3 *rapporteur:* BARNES, Nigel
G: yes U: MCC: DIETZE, Claus

MOTOROLA Ltd

history (event, available, version,
Upgrade to R99 17/05/2000 8 . 0 . 0

[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

WG (prime / other): S4 / *rapporteur:* NAVARRO, William
G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

history (event, available, version,
upgrade to R99 16/11/2000 8 . 0 . 0
ETSI publication 20/07/2001 8 . 0 . 1

[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

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

ALCATEL S.A.

history (event, available, version,
Upgrade to R99 01/05/2000 8 . 0 . 0
ETSI publication 17/10/2000 8 . 0 . 1

[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

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

Union Internationale des Chemins de Fer

history (event, available, version,
smg-31 30/11/2000 8 . 0 . 0
SP-10 12/01/2001 8 . 1 . 0

[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

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

Union Internationale des Chemins de Fer

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

[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 *current version:* 8.0.1
freeze_meeting: SP-06
history (event, available, version, smg-29) 2 . 0 . 0
SP-07 17/03/2000 8 . 0 . 0
ETSI publication 30/07/2002 8 . 0 . 1 ETSI publication only - 3GPP use 8.0.0
(not for 3GPP server)

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
G: yes U: *MCC:* USAI, Paolino

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

TS 02.94 Follow Me Service description; Stage 1

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version, smg-28) 1 . 0 . 0
smg-30 11/11/1999 8 . 0 . 0

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

remarks - general:
remarks - this release: #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or [get it](#)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version, SP-07 17/03/2000) 8 . 0 . 0

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

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

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05 Technical performance objectives

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version, Upgrade to R99 30/06/2000) 8 . 0 . 0

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

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R99	<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	ETSI Secretariat		
	<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> 8.4.1	<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					
<hr/>						
TS 03.20	Security-related Network Functions					
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,	France Telecom		
	<i>freeze_meeting:</i> SP-06		Sebastien			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	smg-30 24/11/1999 8 . 0 . 0					
	smg-32 20/06/2000 8 . 1 . 0		get it	<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 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
R99	<i>current version:</i> 8.6.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> SP-06		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	smg-29 30/06/1999				<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	smg-30 11/11/1999	get it			<i>remarks - this release:</i> group receive mode".	
	smg-30b 06/12/1999	get it				
	smg-31 16/02/2000	get it				
	GP-03 15/02/2001	get it				
	GP-05 29/06/2001	get it				
	GP-10 19/07/2002	get it				

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>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	Upgrade to R99 29/03/2000	get it			<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

TR 03.30	Radio Network Planning Aspects					
R99	<i>current version:</i> 8.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	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	get it			<i>remarks - general:</i>	
	smg-30 11/11/1999	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	get it				
	smg-31 16/02/2000	get it				

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 One		
	<i>freeze_meeting:</i> SP-06		<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>				
	Upgrade to R99 30/06/2000	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
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.33	Lawful Interception; Stage 2								
R99	current version: 8.1.0		WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH				
	freeze_meeting: SP-06		G: yes U:	MCC: POPE, Maurice					
	history (event, available, version,								
	Upgrade to R99 30/06/2000	8 . 0 . 0				get it	remarks - general:		
	SP-10 21/12/2000	8 . 1 . 0				get it	remarks - this release: TSG#10:8.1.0		
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R99	current version: 8.0.1		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting: SP-06		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	smg-29 30/06/1999	8 . 0 . 0				get it	remarks - general:		
	ETSI publication 30/10/2001	8 . 0 . 1				get it	remarks - this release:		
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R99	current version: 8.0.1		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting: SP-06		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	NP-06 17/12/1999	8 . 0 . 0 (source Klehn)				get it	remarks - general:		
	ETSI puboication	8 . 0 . 1					remarks - this release:		
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2								
R99	current version: 8.8.0		WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd				
	freeze_meeting: SP-06		G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version,								
	smg-29 30/06/1999	8 . 0 . 0				get it	remarks - general: SMG9->T3@#31		
	smg-30 11/11/1999	8 . 1 . 0				get it	remarks - this release:		
	smg-31 16/02/2000	8 . 2 . 0				get it			
	TP-08 28/06/2000	8 . 3 . 0				get it			
	TP-09 18/10/2000	8 . 4 . 0				get it			
	TP-11 09/04/2001	8 . 5 . 0				get it			
	TP-12 06/07/2001	8 . 6 . 0				get it			
	TP-13 12/10/2001	8 . 7 . 0				get it			
	TP-14 17/01/2002	8 . 8 . 0				get it			

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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	ETSI Secretariat	
	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			
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: .		
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	G: yes U:	S2	MCC:	USAI, Paolino		
	history (event, available, version,						
	Upgrade to R99 30/03/2000		8 . 0 . 0	get it	remarks - general: Mar00: prime responsibility txfrd to SMG11		
					remarks - this release: .		
TS 03.55	Dual Transfer Mode (DTM); Stage 2						
R99	current version: 8.0.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTÍNEZ,	VODAFONE Group Plc	
	freeze_meeting: SP-06	G: yes U:		MCC:	José Luis 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		
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: .		

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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:* 8.6.0 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-06 *G: yes U:* *MCC:* SULTAN, Alain

history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
SP-11 11/04/2001 8 . 1 . 0 [get it](#) *remarks - this release:* Need identified at TSG#7, since 23.171 does not cover GSM.
SP-12 29/06/2001 8 . 2 . 0 [get it](#)
SP-13 15/10/2001 8 . 3 . 0 [get it](#)
SP-14 07/01/2002 8 . 4 . 0 [get it](#)
SP-15 02/04/2002 8 . 5 . 0 [get it](#)
SP-16 17/06/2002 8 . 6 . 0 [get it](#)

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat
freeze_meeting: SP-16 *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 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
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

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TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
R99	current version: 8.0.2	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-30 11/11/1999			get it	remarks - general:	
	ETSI publication 07/09/2001			get it	remarks - this release:	
	edito 17/06/2002			get it		
TS 04.04	Layer 1 - General Requirements					
R99	current version: 8.1.2	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	freeze_meeting: SP-06	G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-30 11/11/1999			get it	remarks - general:	
	smg-30 bis 06/12/1999			get it	remarks - this release:	
	ETSI publication 07/09/2001			get it		
	edito 17/06/2002			get it		
TS 04.05	Data Link (DL) Layer General Aspects					
R99	current version: 8.0.2	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99 30/03/2000			get it	remarks - general:	
	ETSI publication 22/09/2000			get it	remarks - this release:	
	edito 17/06/2002			get it		
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
R99	current version: 8.2.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99 30/03/2000			get it	remarks - general:	
	ETSI publication 29/09/2000			get it	remarks - this release:	
	GP-03 31/01/2001			get it		
	edito 31/01/2001			get it		
	GP-08 19/02/2002			get it		
	edito 17/06/2002			get it		

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08	Mobile radio interface layer 3 specification								
R99	current version: 8.0.0	WG (prime / other):	N1 / G2	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version, smg-29 30/06/2000 8 . 0 . 0			get it	remarks - general:	04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert			
					remarks - this release:	#29: 8.0.0 but this should not have been created! (24.008 instead). NP-13: 04.09 Thomassen (even numbered CRs!) R99 reinstated until all references corrected (= never!). 2002-02-18: To be withdrawn at NP-15!			
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface								
R99	current version: 8.0.0	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-04	G: yes U:		MCC:	Peter Skov 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			get it	remarks - general:				
	ETSI publication 29/08/2000 8 . 0 . 1			get it	remarks - this release:	#31: 8.0.0			
<hr/>									
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R99	current version: 8.4.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	THOMASEN, Gert				
	history (event, available, version, Upgrade to R99 30/03/2000 8 . 0 . 0			get it	remarks - general:				
	smg-32 20/06/2000 8 . 1 . 0			get it	remarks - this release:				
	GP-04 24/04/2001 8 . 2 . 0			get it					
	GP-05 18/06/2001 8 . 3 . 0			get it					
	GP-10 19/07/2002 8 . 4 . 0			get it					

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 *current version:* 8.15.0 *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](#) *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 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](#)

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](#) *remarks - general:*
NP-08 28/06/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0
NP-09 18/10/2000 8 . 2 . 0 [get it](#)
NP-10 21/12/2000 8 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)				
R99	<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: yes 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	
<hr/>					
TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</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	
<hr/>					
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: yes 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

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.57	GSM Cordless Telephony System (CTS), (Phase 1) CTS 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: 8.15.0	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

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R99	current version: 8.7.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA GmbH
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-29 30/06/1999	8 . 0 . 0	get it	remarks - general:	
	smg-30 11/11/1999	8 . 1 . 0	get it	remarks - this release:	
	Post SP-06 17/12/1999	8 . 2 . 0	get it		
	smg-31 16/02/2000	8 . 3 . 0	get it		
	NP-08 22/06/2000	8 . 4 . 0	get it		
	NP-09 12/10/2000	8 . 5 . 0	get it		
	NP-10 02/01/2001	8 . 6 . 0	get it		
	NP-14 04/01/2002	8 . 7 . 0	get it		

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
R99	current version: 8.2.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA 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:	24.065 existed, but scrapped since 04.65 is GSM only.
	NP-09 12/10/2000	8 . 1 . 0	get it	remarks - this release:	
	NP-13 02/10/2001	8 . 2 . 0	get it		

TS 04.68	Group Call Control (GCC) Protocol				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	get it	remarks - general:	
	NP-07 17/03/2000	8 . 1 . 0	get it	remarks - this release:	

TS 04.69	Broadcast Call Control (BCC) protocol				
R99	current version: 8.1.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: SP-06	G: yes U:		MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	smg-31 16/02/2000	8 . 0 . 0	get it	remarks - general:	
	NP-07 17/03/2000	8 . 1 . 0	get it	remarks - this release:	

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.71 Location Services (LCS); Mobile radio interface layer 3 specification

R99 *current version:* 8.4.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.
smg-31 20/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:*
GP-05 18/06/2001 8 . 2 . 0 [get it](#)
GP-07 08/01/2002 8 . 3 . 0 [get it](#)
edito 17/06/2002 8 . 3 . 1 [get it](#)
GP-10 19/07/2002 8 . 4 . 0 [get it](#)

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R99 *current version:* 8.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-32 20/06/2000 8 . 4 . 0 [get it](#)
GP-01 09/10/2000 8 . 5 . 0 [get it](#)
GP-07 04/01/2002 8 . 6 . 0 [get it](#)

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

3GPP specification status

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R99 current version: 8.10.0

freeze_meeting: SP-06

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 1

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

[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

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

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

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R99 *current version:* 8.4.0
freeze_meeting: SP-06

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

NOKIA Corporation

history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0
smg-30 bis 06/12/1999 8 . 1 . 0
edito 02/12/2000 8 . 1 . 1
ETSI publication 21/02/2001 8 . 1 . 2
GP-03 15/02/2001 8 . 2 . 0
GP-05 29/06/2001 8 . 3 . 0
GP-07 04/01/2002 8 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 05.05 Radio Transmission and Reception

R99 *current version:* 8.13.0
freeze_meeting: SP-06

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0
smg-30 11/11/1999 8 . 1 . 0
smg-30 bis 06/12/1999 8 . 2 . 0
smg-31 16/02/2000 8 . 3 . 0
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

[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 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R99 current version: 8.15.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
smg-32	20/06/2000	8	.	5	.	0
GP-01	10/10/2000	8	.	6	.	0
GP-02	24/11/2000	8	.	7	.	0
edito	30/11/2000	8	.	7	.	1
GP-03	15/02/2001	8	.	8	.	0
GP-04	20/04/2001	8	.	9	.	0
GP-05	29/06/2001	8	.	10	.	0
GP-06	01/10/2001	8	.	11	.	0
GP-07	04/01/2002	8	.	12	.	0
GP-08	19/02/2002	8	.	13	.	0
GP-09	06/05/2002	8	.	14	.	0
GP-10	19/07/2002	8	.	15	.	0

[get it](#) remarks - general:

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

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TS 05.09 Link adaptation

R99 current version: 8.5.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

MOTOROLA A/S

Peter Skov

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-31	16/02/2000	8	.	0	.	0
ETSI publication	05/10/2000	8	.	0	.	1
smg-32	20/06/2000	8	.	1	.	0
GP-02	24/11/2000	8	.	2	.	0
GP-03	15/01/2001	8	.	3	.	0
GP-06	01/10/2001	8	.	4	.	0
GP-07	04/01/2002	8	.	5	.	0

[get it](#) remarks - general:

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

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

3GPP specification status

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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

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

G: yes U: MCC: USAI, Paolino

NOKIA MOBILE PHONES

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

[get it](#) remarks - general:

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

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TR 05.22 Radio link management in hierarchical networks

R99 current version: 8.0.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: VAN BUSSEL, Han

G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

history (event, available, version,

Upgrade to R99 30/03/2000 8 . 0 . 0

[get it](#) remarks - general:

remarks - this release: .

TR 05.50 Background for RF Requirements

R99 current version: 8.2.0

freeze_meeting: SP-06

WG (prime / other): G1 / - rapporteur: ANDERSEN, Niels

G: yes U: MCC: USAI, Paolino

MOTOROLA A/S

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

[get it](#) remarks - general:

[get it](#) remarks - this release: #30: 8.0.0 #31:8.1.0 #31b:8.2.0

[get it](#)

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

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.56 CTS-FP Radio Sub-system
R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat
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 ETSI Secretariat
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	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						get it	remarks - general:	
	ETSI Publication 15/11/2000						get it	remarks - this release: .	
	8 . 0 . 0								
	8 . 0 . 1								
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec								
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000						get it	remarks - general:	
								remarks - this release: .	
	8 . 0 . 0								
TS 06.10	Full Rate Speech Transcoding								
R99	current version: 8.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000						get it	remarks - general:	
	Editorial 31/05/2000						get it	remarks - this release:	
	smg-32 20/06/2000						get it		
	ETSI Publication 30/11/2000						get it		
	SP-12 29/06/2001						get it		
	8 . 0 . 0								
	8 . 0 . 1								
	8 . 1 . 0								
	8 . 1 . 1								
	8 . 2 . 0								
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000						get it	remarks - general:	
	ETSI Publication 15/11/2000						get it	remarks - this release: .	
	8 . 0 . 0								
	8 . 0 . 1								
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels								
R99	current version: 8.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000						get it	remarks - general:	
	ETSI Publication 15/11/2000						get it	remarks - this release: .	
	SP-12 29/06/2001						get it		
	8 . 0 . 0								
	8 . 0 . 1								
	8 . 1 . 0								

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.20	Half Rate Speech Transcoding								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI publicatoin 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	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 06.32	Voice Activity Detection (VAD)								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
<hr/>									
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
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TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R99	current version: 8.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: #32:8.1.0 TSG#10:8.2.0				
	smg-32 20/06/2000	8 . 1 . 0		get it					
	ETSI publication 30/11/2000	8 . 1 . 1		get it					
	SP-10 20/12/2000	8 . 2 . 0		get it					
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced full rate speech codec								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R99 *current version:* 8.2.0
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: USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #32:8.1.0 TSG#10:8.2.0
[get it](#)
[get it](#)

NOKIA Corporation

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

T-MOBILE DEUTSCHLAND

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

NOKIA Corporation

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

NOKIA Corporation

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: USAI, Paolino
[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 ETSI Secretariat
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 ETSI Secretariat
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 ETSI Secretariat
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 encanced 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 encanced 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 ETSI Secretariat
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,
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,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
R99 *current version:* 8.13.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
Fix graphics 16/05/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-06 14/09/2001 8 . 10 . 0 [get it](#)
GP-07 08/01/2002 8 . 11 . 0 [get it](#)
GP-08 19/02/2002 8 . 12 . 0 [get it](#)
GP-10 19/07/2002 8 . 13 . 0 [get it](#)

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06
G: yes U: MCC: THOMASEN, Gert
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 08 .- series
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TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service								
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06				Peter Skov				
	history (event, available, version,	G: yes	U:	MCC:	THOMASEN, Gert				
	smg-31 16/02/2000 8 . 0 . 0						get it	remarks - general:	
	edito 17/06/2002 8 . 0 . 1						get it	remarks - this release:	.

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
R99	current version: 8.10.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting: SP-06	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-30 11/11/1999 8 . 0 . 0						get it	remarks - general:	
	smg-30 bis 06/12/1999 8 . 1 . 0						get it	remarks - this release:	
	smg-31 16/02/2000 8 . 2 . 0						get it		
	smg-31 bis 17/04/2000 8 . 3 . 0						get it		
	GP-01 11/10/2000 8 . 4 . 0						get it		
	GP-02 30/11/2000 8 . 5 . 0						get it		
	edito 23/01/2001 8 . 5 . 1						get it		
	GP-03 31/01/2001 8 . 6 . 0						get it		
	GP-04 04/05/2001 8 . 7 . 0						get it		
	GP-05 18/06/2001 8 . 8 . 0						get it		
	GP-06 05/10/2001 8 . 9 . 0						get it		
	GP-09 06/05/2002 8 . 10 . 0						get it		

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
R99	current version: 8.4.1	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	remarks - general:	
	smg-30 11/11/1999 8 . 1 . 0						get it	remarks - this release:	
	NP-09 18/10/2000 8 . 2 . 0						get it		
	NP-10 21/12/2000 8 . 3 . 0						get it		
	NP-11 04/04/2001 8 . 4 . 0						get it		
	ETSI-format publication 8 . 4 . 1	ETSI publication only - 3GPP tp use							8.4.0

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http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R99	current version: 8.1.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	Upgrade to R99 11/05/2000			get it	remarks - general:	
	GP-05 18/06/2001			get it	remarks - this release: .	
	edito 17/06/2002			get it		
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	8 . 1 . 0					
	8 . 1 . 1					

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					

TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R99	current version: 8.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-31 16/02/2000			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release: .	
	8 . 0 . 0					
	8 . 0 . 1					

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 08.56	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			get it	remarks - general:	
	edito 17/06/2002			get it	remarks - this release:	
	8 . 0 . 0					
	8 . 0 . 1					
<hr/>						
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			get it	remarks - general:	
	smg-30 11/11/1999			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			get it		
	smg-31 16/02/2000			get it		
	smg-31 bis 17/04/2000			get it		
	GP-01 11/10/2000			get it		
	GP-02 30/11/2000			get it		
	8 . 0 . 0					
	8 . 1 . 0					
	8 . 2 . 0					
	8 . 3 . 0					
	8 . 4 . 0					
	8 . 5 . 0					
	8 . 6 . 0					
<hr/>						
TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels					
R99	current version: 8.2.0	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			get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	smg-30 bis 06/12/1999			get it	remarks - this release:	
	ETSI publication 30/10/2001			get it		
	GP-08 19/02/2002			get it		
	8 . 0 . 1					
	8 . 1 . 0					
	8 . 1 . 1					
	8 . 2 . 0					
<hr/>						
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			get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
	ETSI Publication 15/11/2000			get it	remarks - this release:	.
	GP-08 19/02/2002			get it		
	8 . 0 . 0					
	8 . 0 . 1					
	8 . 1 . 0					

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 08.62 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 ETSI Secretariat
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:* VACANT,
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	current version: 8.6.0 freeze_meeting: SP-06	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert			
	smg-31 16/02/2000 8 . 0 . 0	get it	remarks - general:			
	smg-31 bis 17/04/2000 8 . 1 . 0	get it	remarks - this release:			
	smg-32 20/06/2000 8 . 2 . 0	get it				
	GP-01 01/09/2000 8 . 3 . 0	get it				
	GP-06 14/09/2001 8 . 4 . 0	get it				
	GP-07 08/01/2002 8 . 5 . 0	get it				
	GP-10 19/07/2002 8 . 6 . 0	get it				

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): S2 / -	rapporteur: GALLIGO, Michel SULTAN, Alain	ALCATEL S.A.		
	history (event, available, version,	G: yes U:	MCC:			
	smg-27 09/02/2000 8 . 0 . 0	get it	remarks - general:			
			remarks - this release:			

TR 10.59	Project scheduling and open issues for EDGE					
R99	current version: 8.0.0 freeze_meeting: SP-06	WG (prime / other): G1 / -	rapporteur: MUELLER, Frank USAI, Paolino	Telefon AB LM Ericsson		
	history (event, available, version,	G: yes U:	MCC:			
	draft 05/01/2000 1 . 20 . 0	get it	remarks - general:			
	draft 01/04/2000 1 . 22 . 0	get it	remarks - this release:			
	draft 25/05/2000 1 . 23 . 0	get it				
	smg-32 20/06/2000 8 . 0 . 0	get it				

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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 ETSI Secretariat
freeze_meeting: SP-06 NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-31 16/02/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #32:closed. #32:8.2.0 GP-06: Rel-4 serves all releases. GP-06: reopened and
replaced by Rel-5 equivalent. 2001-11-19: G4->G5. reclosed!

ETSI publication 30/10/2000 8 . 1 . 1 [get it](#)
smg-32 20/06/2000 8 . 2 . 0 [get it](#)
GP-06 14/09/2001 8 . 3 . 0 [get it](#)

TS 11.10-4 Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification

R99 *current version:* 8.0.0 *WG (prime / other):* G5 / G4, rapporteur: SALMERON, Lidia ETSI Secretariat
freeze_meeting: SP-06 T3

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,
TP-17 2 . 0 . 0 *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take
New draft, not derived by CR from *remarks - this release:* May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, over
previous version (8.0.0). this spec from G5, and to approve a new R99 version not derived from R96
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) withdrawn May 2000: no R99 version 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 needed. Note that this v8.0.0 precedes the R96 version, since the R99 version will cover all previous Releases. previous
Releases. the new draft 2.0.0 presented at TP-17

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.7.0 *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](#)

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface				
R99	current version: 8.11.0	WG (prime / other):	T3 / -	rapporteur:	WOODSEND, Kristian ASPECTS Software Ltd
	freeze_meeting: TP-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:	TP-11 to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!
smg-31	16/02/2000	8 . 2 . 0	get it		
Correction of CR implementation	31/05/2000	8 . 2 . 1	get it		
smg-32	20/06/2000	8 . 3 . 0	get it		
TP-09	18/10/2000	8 . 4 . 0	get it		
TP-10	05/01/2001	8 . 5 . 0	get it		
TP-11	09/04/2001	8 . 6 . 0	get it	To be withdrawn at TSG#12, subsumed in 31.111	
TP-12	06/07/2001	8 . 7 . 0	get it	Unwithdrawn!	
TP-13	12/10/2001	8 . 8 . 0	get it		
TP-14	16/01/2002	8 . 9 . 0	get it		
TP-15	28/03/2002	8 . 10 . 0	get it		
TP-16	25/06/2002	8 . 11 . 0	get it		

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
R99	current version: 8.6.0	WG (prime / other):	G3 / -	rapporteur:	VACANT, USAI, Paolino
	freeze_meeting: SP-06	G: yes U:		MCC:	
history (event, available, version,					
smg-30 bis	06/12/1999	8 . 0 . 0	get it	remarks - general:	
smg-31	16/02/2000	8 . 1 . 0	get it	remarks - this release:	
smg-31 bis	17/04/2000	8 . 2 . 0	get it		
smg-32	20/06/2000	8 . 3 . 0	get it		
GP-01	01/09/2000	8 . 4 . 0	get it		
GP-02	24/11/2000	8 . 5 . 0	get it		
GP-04	18/04/2001	8 . 6 . 0	get it		

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

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.26 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:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
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.

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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
history (event, available, version,

draft	22/09/1999	0	.	0	.	1	get it	<i>remarks - general:</i>	TSG#11:S5 will no longer maintain.
draft	18/10/1999	0	.	0	.	2	get it	<i>remarks - this release:</i>	TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
draft	03/12/1999	0	.	0	.	3	get it		
draft	22/12/1999	0	.	0	.	4	get it		
draft	17/01/2000	0	.	0	.	5	get it		
draft	22/05/2000	2	.	0	.	0	get it		
draft	25/05/2000	2	.	0	.	1	get it		
SP-08	21/06/2000	7	.	0	.	0	get it		
SP-08	21/06/2000	8	.	0	.	0	get it		
ETSI Publication	30/11/2000	8	.	0	.	1	get it		

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian

R99 **21** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

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

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Server 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: 3.8.0

freeze_meeting: SP-07

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

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0
SP-06	17/12/1999	2	.	0	.	0
corrections		2	.	2	.	0
SP-07		2	.	3	.	0
SP-07		2	.	4	.	0
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

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

TS 21.111 USIM and IC card requirements

R99 current version: 3.3.0

freeze_meeting: SP-03

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

history (event, available, version,

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

[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 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:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 21.810 Report on multi-mode UE issues; ongoing work and identified additional work

R99 *current version:* 3.0.0
freeze_meeting: SP-08

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi 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](#)
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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

TR 21.904 User Equipment (UE) capability requirements

R99 current version: 3.4.0

freeze_meeting: SP-07

WG (prime / other): T2 / - rapporteur: SOOD, Prem SHARP Corporation

G: U: yes MCC: RODERMUND, Friedhelm

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 18/06/1999 0 . 0 . 3

TP-05 08/10/1999 1 . 0 . 2

TP-06 17/12/1999 1 . 1 . 0

TP-07 2 . 0 . 0 TP-000026

TP-07 15/03/2000 3 . 0 . 0

Editorial 30/03/2000 3 . 0 . 1

TP-08 23/06/2000 3 . 1 . 0

TP-09 16/10/2000 3 . 2 . 0

TP-10 05/01/2001 3 . 3 . 0

TP-13 03/10/2001 3 . 4 . 0

[get it](#) remarks - general:

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

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TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0

freeze_meeting: SP-07

WG (prime / other): S1 / - rapporteur: ZARRI, Michele T-Mobile (UK) Ltd

G: U: yes MCC: CLAYTON, Michael

history (event, available, version,

SP-05 13/10/1999 0 . 0 . 1

SP-07 15/03/2000 3 . 0 . 0 SP-000072

SP-06 17/12/1999 3 . 0 . 0

SP-08 23/06/2000 3 . 1 . 0

edito 08/08/2000 3 . 1 . 1

SP-09 18/10/2000 3 . 2 . 0

SP-13 05/10/2001 3 . 3 . 0

[get it](#) remarks - general:

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

[get it](#)

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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 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 *WG (prime / other):* T2 / - *rapporteur:* PERSSON, Sofi TELIA AB
freeze_meeting: SP-08 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 0 . 1 . 0 *remarks - general:* TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified
TP-04 0 . 2 . 0 *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 [get it](#)
TP-06 17/12/1999 1 . 3 . 2 [get it](#)
TP-07 2 . 0 . 0
TP-08 2 . 1 . 0
TP-08 15/03/2000 3 . 0 . 0 [get it](#)

TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0 *WG (prime / other):* N2 / - *rapporteur:*
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* JURISIC, Andrijana

history (event, available, version,
NP-06 17/12/1999 2 . 0 . 0 [get it](#) *remarks - general:*
Revised clause 11 14/01/2000 2 . 1 . 0 [get it](#) *remarks - this release:*
NP-08 2 . 1 . 1
NP-08 23/06/2000 3 . 0 . 0 [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 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
SP-06 17/12/1999 3 . 0 . 0 aprvd with CRs [get it](#) *remarks - general:* Transfer>TSG#5
SP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
edito 18/01/2000 3 . 1 . 1 [get it](#)
SP-07 17/03/2000 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/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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http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011	Service accessibility					
R99	current version: 3.7.0		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			
<hr/>						
TS 22.016	International Mobile Equipment Identities (IMEI)					
R99	current version: 3.3.0		WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation	
	freeze_meeting: SP-05		G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version,					
	SP-05 13/10/1999	3 . 0 . 1	get it	remarks - general: Transfer>TSG#4		
	SP-06 17/12/1999	3 . 1 . 0	get it	remarks - this release:		
	SP-08 28/06/2000	3 . 2 . 0	get it			
	SP-16 04/07/2002	3 . 3 . 0	get it			
<hr/>						
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification					
R99	current version: 3.2.1		WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC, Sebastien	France Telecom	
	freeze_meeting: SP-05		G: yes U: yes	MCC: POPE, Maurice		
	history (event, available, version,					
	SP-05 13/10/1999	3 . 0 . 1	get it	remarks - general: Transfer>TSG#4		
	SP-08 28/06/2000	3 . 1 . 0	get it	remarks - this release:		difficulty in implementing CR
	SP-16 19/06/2002	3 . 2 . 0	get it			
	edito post SP-16 24/06/2002	3 . 2 . 1	get it			corrects change history

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TS 22.024	Description of Charge Advice Information (CAI)					
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-05 13/10/1999 3 . 0 . 1			get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5	<i>remarks - this release:</i> .
<hr/>						
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> SP-05 30/10/1999 3 . 0 . 0 SP-05 30/10/1999 3 . 1 . 0 SP-06 17/12/1999 3 . 2 . 0 SP-07 17/03/2000 3 . 3 . 0 SP-09 18/10/2000 3 . 4 . 0			get it get it get it get it get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i>
<hr/>						
TS 22.032	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 SP-07 15/03/2000 3 . 2 . 0 edito 25/04/2000 3 . 2 . 1			get it get it get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i>

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

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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			

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			

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.	

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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TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	get it	<i>remarks - this release:</i>			
	SP-07 15/03/2000 3 . 3 . 0	get it				
	SP-08 28/06/2000 3 . 4 . 0	get it				
	SP-09 18/10/2000 3 . 5 . 0	get it				

TS 22.066	Support of Mobile Number Portability (MNP); Stage 1					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat		
	<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-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	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	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

TS 22.071	Location Services (LCS); Stage 1					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.		
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-06 17/12/1999 3 . 2 . 0	get it	<i>remarks - this release:</i>			
	SP-09 18/10/2000 3 . 3 . 0	get it				
	SP-15 25/03/2002 3 . 4 . 0	get it				

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	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: RAUCH, Horst	T-MOBILE DEUTSCHLAND	
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version, SP-05 13/10/1999 3 . 0 . 1	get it	remarks - general: Transfer>TSG#4		
			remarks - this release: .		
<hr/>					
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1				
R99	current version: 3.9.0	WG (prime / other): S1 / -	rapporteur: GRECH, Michel	Lucent Technologies Network Systems UK	
	freeze_meeting: SP-05	G: yes U: yes	MCC: CLAYTON, Michael		
	history (event, available, version, SP-05 13/10/1999 3 . 1 . 0	get it	remarks - general:		
	SP-06 17/12/1999 3 . 2 . 0	get it	remarks - this release:		
	SP-07 15/03/2000 3 . 3 . 0	get it			
	SP-08 28/06/2000 3 . 4 . 0	get it			
	edito 09/08/2000 3 . 4 . 1	get it			
	SP-09 31/10/2000 3 . 5 . 0	get it			
	SP-10 08/01/2001 3 . 6 . 0	get it			
	SP-11 02/04/2001 3 . 7 . 0	get it			
	SP-12 27/06/2001 3 . 8 . 0	get it			
	SP-15 25/03/2002 3 . 9 . 0	get it			
<hr/>					
TS 22.079	Support of optimal routing; Stage 1				
R99	current version: 3.0.1	WG (prime / other): S1 / -	rapporteur: CLAYTON, Michael	ETSI Secretariat	
	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 22.081	Line Identification supplementary services; Stage 1				
R99	current version: 3.2.0	WG (prime / other): S1 / -	rapporteur: AHNBERG, Tomas	Indicate persons who left Company and wait for new One	
	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-08 28/06/2000 3 . 2 . 0	get it	remarks - this release:		

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

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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	ETSI Secretariat			
	<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	ETSI Secretariat			
	<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	ETSI Secretariat			
	<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> .				
<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> .				

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

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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	ETSI Secretariat			
	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	ETSI Secretariat			
	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	ETSI Secretariat			
	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: .				

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 22.094	Follow Me service description - Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BERGMANN, Ansgar	ETSI Secretariat			
	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	ETSI Secretariat			
	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							

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

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

TS 22.101 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 / -

G: U: yes

rapporteur: DWYER, Paul
MCC: CLAYTON, Michael

NORTEL NETWORKS (EUROPE)

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

TS 22.105 Services & service capabilities

R99 current version: 3.10.0

freeze_meeting: SP-03

history (event, available, version,

First complete	13/06/1997	1	.	0	.	0
Milestone 1	19/12/1997	1	.	4	.	1
WG approval	15/02/1998	2	.	0	.	0
Under TB change control	20/03/1998	3	.	0	.	0
TB approval	20/03/1998	3	.	0	.	0
Milestone 1	20/03/1998	3	.	0	.	0
smg-26 to review	20/06/1998	3	.	1	.	0
smg-28	15/02/1999	3	.	2	.	0
SP-03	23/04/1999	3	.	4	.	0
SP-04	23/06/1999	3	.	5	.	0
SP-05	13/10/1999	3	.	6	.	0
SP-06	17/12/1999	3	.	7	.	0
SP-07	15/03/2000	3	.	8	.	0
SP-08	28/06/2000	3	.	9	.	0
SP-10	08/01/2001	3	.	10	.	0

WG (prime / other): S1 / -

G: U: yes

rapporteur: EVEN, Anne
MCC: CLAYTON, Michael

France Telecom

[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 R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

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](#)
[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;
[get it](#) 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.

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 22.129 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:* 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
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](#)

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 22.140 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,
G: U: yes MCC: Emanuele
CLAYTON, Michael TELECOM ITALIA S.p.A.

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

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:* .
[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 R99 22 .- series
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R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002 Network Architecture

R99 current version: 3.5.0

freeze_meeting: SP-05

WG (prime / other): S2 / - rapporteur: SULTAN, Alain ETSI Secretariat
G: yes U: yes MCC: SULTAN, Alain

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](#)

TS 23.003 Numbering, Addressing and Identification

R99 current version: 3.10.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

NP-04 23/06/1999 3 . 1 . 0

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

NP-05 13/10/1999 3 . 2 . 0

[get it](#)

NP-06 15/12/1999 3 . 3 . 0

[get it](#)

NP-07 15/03/2000 3 . 4 . 0

[get it](#)

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](#)

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 23.007 Restoration procedures

R99 current version: 3.5.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE Group Plc

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

NP-04 23/06/1999 3 . 1 . 0

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

NP-05 13/10/1999 3 . 1 . 3

[get it](#)

NP-06 15/12/1999 3 . 2 . 0

[get it](#)

NP-07 15/03/2000 3 . 3 . 0

[get it](#)

NP-08 28/06/2000 3 . 4 . 0

[get it](#)

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

[get it](#)

TS 23.008 Organisation of subscriber data

R99 current version: 3.7.0

freeze_meeting: SP-03

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

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

NP-05 13/10/1999 3 . 1 . 0

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

NP-06 15/12/1999 3 . 2 . 0

[get it](#)

NP-07 15/03/2000 3 . 3 . 0

[get it](#)

NP-08 28/06/2000 3 . 4 . 0

[get it](#)

NP-09 26/10/2000 3 . 5 . 0

[get it](#)

NP-12 27/06/2001 3 . 6 . 0

[get it](#)

NP-16 21/06/2002 3 . 7 . 0

[get it](#)

G = required in systems with GERAN 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 23.009 Handover procedures

R99 current version: 3.10.0

freeze_meeting: SP-03

WG (prime / other): N1 / N4 rapporteur: FARHOUMAND, Ericsson Incorporated

Rouzbeh

G: yes U: yes

MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-06 17/12/1999 3 . 1 . 0

NP-07 15/03/2000 3 . 2 . 0

edito (SDLs 16/05/2000 3 . 2 . 1

beautified)

NP-08 23/06/2000 3 . 3 . 0

NP-09 06/10/2000 3 . 4 . 0

NP-10 03/01/2001 3 . 5 . 0

NP-11 11/04/2001 3 . 6 . 0

NP-12 06/07/2001 3 . 7 . 0

NP-13 05/10/2001 3 . 8 . 0

NP-14 08/01/2002 3 . 9 . 0

NP-16 20/06/2002 3 . 10 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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TS 23.011 Technical realization of Supplementary Services

R99 current version: 3.1.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

KYMALAINEN, Kimmo

G: yes U: yes

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

edito 06/06/2000 3 . 0 . 1

NP-09 26/10/2000 3 . 1 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

TS 23.012 Location management procedures

R99 current version: 3.3.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: VACANT,

KYMALAINEN, Kimmo

G: yes U: yes

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

NP-06 15/12/1999 3 . 1 . 0

NP-07 15/03/2000 3 . 2 . 0

CR 23.012-003r3 05/06/2000 3 . 2 . 1

removed (error)

NP-08 23/06/2000 3 . 3 . 0

[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 23 .- series
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TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 current version: 3.1.0
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

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

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: Chalmers
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: 3.8.0
freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: VACANT,
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

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

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

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Server ACTIVE specs R99 23 .- series
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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
Chalmers
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	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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[get it](#)

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
SULTAN, Alain
G: yes U: yes MCC:

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

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:
[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 23.035	Immediate Service Termination (IST); Stage 2				
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	<i>G: yes U: yes</i>	<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		<i>remarks - this release:</i> SP-16: takes over from 03,35 R99.		
<hr/>					
TS 23.038	Alphabets and language-specific information				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> SP-04	<i>G: yes U: yes</i>	<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: yes U: yes</i>	<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				
	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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Server ACTIVE specs R99 23 .- series
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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:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 current version: 3.5.0

freeze_meeting: SP-05

history (event, available, version,

TP-03	23/04/1999	0	.	0	.	0
TP-05	08/10/1999	3	.	0	.	0
TP-06	17/12/1999	3	.	1	.	0
TP-07 completion	15/03/2000	3	.	2	.	0
target						
TP-09	11/10/2000	3	.	3	.	0
TP-12	04/07/2001	3	.	4	.	0
TP-16	25/06/2002	3	.	5	.	0

WG (prime / other): T2 / - rapporteur: HARRIS, Ian 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

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

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

[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

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

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

[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

WG (prime / other): T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd
G: yes U: yes *MCC:* RODERMUND, Friedhelm

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

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

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

R99 *current version:* 3.12.0 *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](#) *remarks - general:* Transfer>TSG#4
SP-06 23/12/1999 3 . 2 . 0 [get it](#) *remarks - this release:*
SP-07 15/03/2000 3 . 3 . 0 [get it](#)
SP-08 28/06/2000 3 . 4 . 0 [get it](#)
SP-09 04/11/2000 3 . 5 . 0 [get it](#)
SP-10 12/01/2001 3 . 6 . 0 [get it](#)
SP-11 06/04/2001 3 . 7 . 0 [get it](#)
SP-12 29/06/2001 3 . 8 . 0 [get it](#)
SP-13 12/10/2001 3 . 9 . 0 [get it](#)
SP-14 09/01/2002 3 . 10 . 0 [get it](#)
edito 3 . 10 . 1
SP-15 07/04/2002 3 . 11 . 0 [get it](#)
SP-16 17/06/2002 3 . 12 . 0 [get it](#)

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

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - general:* Transfer>TSG#4, CR at TSG#5
NP-07 15/03/2000 3 . 2 . 0 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 3 . 0 [get it](#)

TS 23.067 Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* PERLICK, Vivien SAGEM Group
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 21/12/2000 3 . 2 . 0 [get it](#)
NP-12 27/06/2001 3 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 23 .- series
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

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

NP-05 13/10/1999 3 . 1 . 0

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

NP-06 17/12/1999 3 . 2 . 0

[get it](#)

NP-09 26/10/2000 3 . 3 . 0

[get it](#)

TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.13.0

freeze_meeting: SP-03

WG (prime / other): N2 / - rapporteur: HOMANN, Christian ALCATEL SEL AG

G: yes U: yes MCC: JURISIC, Andrijana

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

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

NP-04 23/06/1999 3 . 1 . 0

[get it](#) remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

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 09/10/2000 3 . 6 . 0

[get it](#)

NP-10 04/01/2001 3 . 7 . 0

[get it](#)

NP-11 02/04/2001 3 . 8 . 0

[get it](#)

NP-12 29/06/2001 3 . 9 . 0

[get it](#)

NP-13 03/10/2001 3 . 10 . 0

[get it](#)

NP-14 04/01/2002 3 . 11 . 0

[get it](#)

NP-15 19/03/2002 3 . 12 . 0

[get it](#)

NP-16 17/06/2002 3 . 13 . 0

[get it](#)

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

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Server ACTIVE specs R99 23 .- series
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TS 23.079 Support of Optimal Routeing (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 [get it](#) *remarks - general:* CR at TSG#4,CR at TSG#5
NP-04 23/06/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 13/10/1999 3 . 2 . 0 [get it](#)
NP-06 15/12/1999 3 . 3 . 0 [get it](#)
NP-07 15/03/2000 3 . 4 . 0 [get it](#)
NP-08 23/06/2000 3 . 5 . 0 [get it](#)
NP-09 26/10/2000 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)

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

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-05 13/10/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 2 . 0 [get it](#)
NP-08 23/06/2000 3 . 3 . 0 [get it](#)
NP-09 26/10/2000 3 . 4 . 0 [get it](#)
NP-10 21/12/2000 3 . 5 . 0 [get it](#)
NP-12 27/06/2001 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

G = required in systems with GERAN 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 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE 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:		
	NP-06 17/12/1999 3 . 1 . 0	get it		remarks - this release:		
	NP-09 26/10/2000 3 . 2 . 0	get it				

TS 23.084	MultiParty (MPY) Supplementary Service; Stage 2					
R99	current version: 3.2.0	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:		
	NP-06 17/12/1999 3 . 1 . 0	get it		remarks - this release:		
	NP-09 26/10/2000 3 . 2 . 0	get it				

TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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				

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:* DETTNER, Harald 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:* DETTNER, Harald 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:* 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:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 07/11/2000 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 23 .- series
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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:	DETTNER, Harald	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
	NP-06 17/12/1999						3 . 1 . 0
	NP-09 26/10/2000						3 . 2 . 0
		get it		remarks - general:			
		get it		remarks - this release:			
		get it					
<hr/>							
TS 23.094	Follow Me Stage 2						
R99	current version: 3.2.0	WG (prime / other):	N4 / -	rapporteur:	SWETINA, Joerg	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
	NP-07 15/03/2000						3 . 1 . 0
	NP-09 26/10/2000						3 . 2 . 0
		get it		remarks - general:	Transfer>TSG#4. GSM only @TSG#5		
		get it		remarks - this release:	Transfer>TSG#6.		
		get it					
<hr/>							
TS 23.096	Name Identification Supplementary Service; Stage 2						
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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
	edito 06/06/2000						3 . 0 . 1
		get it		remarks - general:			
		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
	NP-06 17/12/1999						3 . 1 . 0
	NP-07 15/03/2000						3 . 1 . 1
		get it		remarks - general:	Transfer>TSG#4,CR at TSG#5		
		get it		remarks - this release:			
		get it					

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

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TS 23.101	General UMTS Architecture								
R99	current version: 3.1.0			WG (prime / other):	S2 / -	rapporteur:	OLSSON, Magnus	Telefon AB LM Ericsson	
	freeze_meeting: SP-04			G:	U: yes	MCC:	SULTAN, Alain		
	history (event, available, version,								
	First complete	13/06/1997	0 . 1 . 0			get it	remarks - general:		
	Transfer to SP SA	04/03/1999	0 . 1 . 1			get it	remarks - this release:		
	WG2								
	SP-03	23/04/1999	3 . 0 . 0			get it			
	SP-04	23/06/1999	3 . 0 . 1			get it			
	SP-10	21/12/2000	3 . 1 . 0			get it			
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
R99	current version: 3.8.0			WG (prime / other):	S2 / -	rapporteur:	GREIS, Marc	NOKIA Corporation	
	freeze_meeting: SP-05			G:	U: yes	MCC:	SULTAN, Alain		
	history (event, available, version,								
	SP-05	13/10/1999	3 . 0 . 0			get it	remarks - general: was 23.907		
	SP-06	17/12/1999	3 . 1 . 0			get it	remarks - this release:		
	SP-07	15/03/2000	3 . 2 . 0			get it			
	SP-08	28/06/2000	3 . 3 . 0			get it			
	SP-09	19/10/2000	3 . 4 . 0			get it			
	SP-10	22/12/2000	3 . 5 . 0			get it			
	SP-11	14/05/2001	3 . 6 . 0			get it			
	SP-14	07/01/2002	3 . 7 . 0			get it			CR072r1 erroneously implemented; anticipate correction at SP-15.
	SP-15	07/04/2002	3 . 8 . 0			get it			
<hr/>									
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
R99	current version: 3.2.0			WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis	MOTOROLA GmbH	
	freeze_meeting: SP-04			G: yes	U: yes	MCC:	JORGENSEN, Per Johan		
	history (event, available, version,								
	NP-03	23/04/1999	0 . 0 . 0			get it	remarks - general: This is clause 7 from 04.08 ex R98.		
	NP-05	13/10/1999	3 . 0 . 0			get it	remarks - this release:		
	NP-04	23/06/1999	3 . 0 . 0			get it			
	NP-06	17/12/1999	3 . 1 . 0			get it			
	NP-07	15/03/2000	3 . 2 . 0			get it			

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 23.110 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

[get it](#) remarks - general:

Transfer to SP S2 04/03/1999 0 . 3 . 1

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

SP-03 23/04/1999 3 . 1 . 0

[get it](#)

SP-05 13/10/1999 3 . 2 . 0

[get it](#)

SP-06 17/12/1999 3 . 3 . 0

[get it](#)

SP-07 15/03/2000 3 . 4 . 0

[get it](#)

TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0

freeze_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas Indicate persons who left Company and wait for new
G: yes U: yes MCC: KYMALAINEN, Kimmo One

history (event, available, version,

NP-04 30/04/1999 0 . 0 . 0

[get it](#) remarks - general: New after TSG#5

NP-06 17/12/1999 1 . 0 . 0

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

NP-07 15/03/2000 3 . 0 . 0

[get it](#)

NP-12 27/06/2001 3 . 1 . 0

[get it](#)

NP-14 10/01/2002 3 . 2 . 0

[get it](#)

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

[get it](#) remarks - general: New after TSG#5

draft 01/09/1999 0 . 2 . 0

[get it](#) remarks - this release: Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99

draft 01/10/1999 0 . 3 . 0

[get it](#)

draft 01/11/1999 0 . 4 . 0

[get it](#)

draft 15/11/1999 0 . 5 . 0

[get it](#)

N2b, Milan 28/02/2000 1 . 0 . 0

[get it](#)

NP-07 21/11/2000 2 . 0 . 0

[get it](#)

NP-10 09/01/2001 3 . 0 . 0

[get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.121 Architectural requirements for Release 1999

R99 current version: 3.6.0

freeze_meeting: SP-04

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: DANIEL, Elizabeth

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:

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 23.122 Non-Access-Stratum functions related to Mobile Station (MS) in idle mode

R99 current version: 3.7.0

freeze_meeting: SP-03

WG (prime / other): N1 / -

G: U: yes

rapporteur: HIETALAHTI, Hannu

MCC: JORGENSEN, Per Johan

NOKIA Corporation

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

[get it](#)

remarks - general:

[get it](#)

remarks - this release: Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to

[get it](#)

undo erroneously incorporated CR.

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

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.127 Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2

R99 *current version:* 3.4.0 *WG (prime / other):* S2 / - *rapporteur:* GOURRAUD, ERICSSON RESEARCH CANADA
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* 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 17/12/1999 2 . 0 . 0 SP-000089 [get it](#) *remarks - this release:*
SP-07 17/12/1999 3 . 0 . 0 [get it](#)
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-09 06/11/2000 3 . 2 . 0 [get it](#)
SP-10 21/12/2000 3 . 3 . 0 [get it](#)
SP-12 29/06/2001 3 . 4 . 0 [get it](#)

TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-07 15/03/2000 1 . 1 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 0 . 0 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-09 25/10/2000 3 . 2 . 0 [get it](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
TP-07 15/03/2000 2 . 0 . 0 TP-000028 [get it](#)
Editorial 15/03/2000 3 . 0 . 1 [get it](#)
TP-16 24/06/2002 3 . 1 . 0 [get it](#)

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.171 Functional stage 2 description of location services (LCS) in UMTS

R99 *current version:* 3.8.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-07 *G:* U: yes *MCC:* SULTAN, Alain

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0
SP-06 17/12/1999 1 . 1 . 0
SP-07 2 . 0 . 0 SP-000090
SP-07 15/03/2000 3 . 0 . 0
SP-08 28/06/2000 3 . 1 . 0
SP-10 21/12/2000 3 . 2 . 0
SP-11 11/04/2001 3 . 3 . 0
SP-12 29/06/2001 3 . 4 . 0
SP-13 15/10/2001 3 . 5 . 0
SP-14 07/01/2002 3 . 6 . 0
SP-15 29/03/2002 3 . 7 . 0
SP-16 18/06/2002 3 . 8 . 0

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

TR 23.814 Separating RR and MM specific parts of the MS Classmark

R99 *current version:* 3.1.0 *WG (prime / other):* N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited
freeze_meeting: SP-06 *G:* U: yes *MCC:* JORGENSEN, Per Johan

history (event, available, version,
NP-05 08/10/1999 0 . 0 . 0
NP-06 17/12/1999 3 . 0 . 0
editorial (!) 24/01/2000 3 . 1 . 0

[get it](#) *remarks - general:* New after TSG#5
[get it](#) *remarks - this release:* TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.
[get it](#)

TR 23.908 Technical report on Pre-Paging

R99 *current version:* 3.0.1 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
freeze_meeting: SP-04 *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 02/05/2000 3 . 0 . 1

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

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.909	Technical report on the Gateway Location Register				
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David VODAFONE LTD
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo
	history (event, available, version,				
	NP-03 23/04/1999			get it	remarks - general:
	NP-04 23/06/1999			get it	remarks - this release: .
	edito 03/05/2000			get it	
	0 . 0 . 0				
	3 . 0 . 0				
	3 . 0 . 1				
TR 23.910	Circuit switched data bearer services				
R99	current version: 3.5.0	WG (prime / other):	N3 / -	rapporteur:	WIJK, Rune Werner Telefon AB LM Ericsson
	freeze_meeting: SP-07	G:	U: yes	MCC:	BOSWARTHICK, David
	history (event, available, version,				
	NP-04 23/06/1999			get it	remarks - general: 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
	NP-05 13/10/1999			get it	remarks - this release:
	NP-06 17/12/1999			get it	
	NP-07				
	NP-07 15/03/2000			get it	
	NP-08 23/06/2000			get it	
	NP-09 18/10/2000			get it	
	NP-10 22/12/2000			get it	
	NP-11 06/04/2001			get it	
	NP-12 28/06/2001			get it	
	0 . 0 . 0				
	0 . 1 . 0				
	1 . 0 . 0				
	2 . 0 . 0				
	3 . 0 . 0				
	3 . 1 . 0				
	3 . 2 . 0				
	3 . 3 . 0				
	3 . 4 . 0				
	3 . 5 . 0				
TR 23.911	Technical report on Out-of-band transcoder control				
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo ETSI Secretariat
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	Creation of WI by 13/10/1999			get it	remarks - general:
	WG/TB				remarks - this release: .
	NP-05 13/10/1999			get it	
	edito 02/05/2000			get it	
	0 . 0 . 1				
	3 . 0 . 0				
	3 . 0 . 1				

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

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.912	Technical report on Super-Charger					
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	Creation of WI by	13/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	
	WG/TB				<i>remarks - this release:</i>	
	NP-05	13/10/1999	3 . 0 . 0	get it		
	edito	02/05/2000	3 . 0 . 1	get it		
	edito	09/05/2000	3 . 0 . 2	get it		
	NP-14	10/01/2002	3 . 1 . 0	get it		
<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		G: yes U: 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		G: yes U: 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		G: U: 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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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.972 Circuit switched multimedia telephony

R99 current version: 3.0.0
freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated
Rouzbeh

G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

Start of work	21/10/1999	0	.	0	.	1
N1-08	21/10/1999	0	.	0	.	2
N1-09	09/12/1999	0	.	0	.	3
N1-08 revision	29/10/1999	0	.	0	.	3
NP-07	15/03/2000	3	.	0	.	0

[get it](#) remarks - general: New after TSG#5. Minor title change TSG#7.

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

[get it](#)

[get it](#)

[get it](#)

[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
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](#)

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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 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: 3.12.0

WG (prime / other): N1 / -

rapporteur: HOWELL, Andrew MOTOROLA Ltd

freeze_meeting: SP-03

G: yes U: yes

MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-03 23/04/1999 0 . 0 . 0

[get it](#)

remarks - general: CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to

NP-04 23/06/1999 3 . 0 . 0

[get it](#)

remarks - this release: be resolved till Jun00.

NP-05 13/10/1999 3 . 1 . 0

[get it](#)

NP-06 27/12/1999 3 . 2 . 0

[get it](#)

editorial correction 04/01/2000 3 . 2 . 1

[get it](#)

NP-07 15/03/2000 3 . 3 . 0

[get it](#)

edito 25/04/2000 3 . 3 . 1

[get it](#)

NP-08 23/06/2000 3 . 4 . 0

[get it](#)

Editorial 23/06/2000 3 . 4 . 1

[get it](#)

NP-09 06/10/2000 3 . 5 . 0

[get it](#)

NP-10 03/01/2001 3 . 6 . 0

[get it](#)

NP-11 06/04/2001 3 . 7 . 0

[get it](#)

edito 06/07/2001 3 . 7 . 1

[get it](#)

NP-12 13/07/2001 3 . 8 . 0

[get it](#)

NP-13 03/10/2001 3 . 9 . 0

[get it](#)

NP-14 11/01/2002 3 . 10 . 0

[get it](#)

NP-15 22/03/2002 3 . 11 . 0

[get it](#)

NP-16 24/06/2002 3 . 12 . 0

[get it](#)

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

R99 current version: 3.2.0

WG (prime / other): N4 / -

rapporteur: ANDERSEN, Niels MOTOROLA A/S

freeze_meeting: SP-03

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#)

remarks - general:

NP-08 23/06/2000 3 . 1 . 0

[get it](#)

remarks - this release:

NP-14 10/01/2002 3 . 2 . 0

[get it](#)

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

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Server ACTIVE specs R99 24 .- series
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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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	PERLICK, Vivien	SAGEM Group
	<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-10 21/12/2000 3 . 1 . 0			get it	<i>remarks - this release:</i>	
	NP-12 27/06/2001 3 . 2 . 0			get it		
<hr/>						
TS 24.072	Call Deflection Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	DETTNER, Harald	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 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding					
R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	DETTNER, Harald	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>	
	NP-06 17/12/1999 3 . 1 . 0			get it	<i>remarks - this release:</i>	
	NP-07 15/03/2000 3 . 2 . 0			get it		
	NP-08 23/06/2000 3 . 3 . 0			get it		
	NP-09 26/10/2000 3 . 4 . 0			get it		
	ASN.1 annex 24/01/2001 3 . 4 . 1			get it		
	updated					
	NP-12 04/07/2001 3 . 5 . 0			get it		
	NP-14 10/01/2002 3 . 6 . 0			get it		
	NP-16 21/06/2002 3 . 7 . 0			get it		
<hr/>						
TS 24.081	Line Identification Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	DETTNER, Harald	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>	
	NP-08 23/06/2000 3 . 1 . 0			get it	<i>remarks - this release:</i>	

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

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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE 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> <i>remarks - this release:</i> .
<hr/>						
TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE 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> <i>remarks - this release:</i> .
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> DETTNER, Harald	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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Server ACTIVE specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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 24.088	Call Barring (CB) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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 24.090	Unstructured Supplementary Service Data (USSD); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, NP-03 23/04/1999 3 . 0 . 0			get it	remarks - general:	
					remarks - this release: .	
<hr/>						
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	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 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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 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 24.096 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:* DETTNER, Harald SIEMENS AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

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

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,
NP-07 15/03/2000 3 . 0 . 0
NP-08 23/06/2000 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

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

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

R99

25 .- series

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

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

R99 current version: 3.11.0
freeze_meeting: SP-05

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

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
RP-03 23/04/1999 1 . 0 . 0
RP-04 23/06/1999 2 . 0 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 17/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
Editorial 15/03/2000 3 . 2 . 1
Editorial 25/04/2000 3 . 2 . 2
RP-08 23/06/2000 3 . 3 . 0
edito 31/07/2000 3 . 3 . 1
RP-09 13/10/2000 3 . 4 . 0
edito 10/11/2000 3 . 4 . 1
RP-10 02/01/2001 3 . 5 . 0
RP-11 05/04/2001 3 . 6 . 0
RP-12 29/06/2001 3 . 7 . 0
RP-13 03/10/2001 3 . 8 . 0
RP-14 14/01/2002 3 . 9 . 0
RP-15 29/03/2002 3 . 10 . 0
RP-16 01/07/2002 3 . 11 . 0

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remarks - this release:
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

First complete 04/03/1999 1 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 01/07/2002 3 . 11 . 0

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

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remarks - this release:

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 *current version:* 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 13/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

WG (*prime / other*): R4 / - *rapporteur:* SKÖLD, Johan Telefon AB LM Ericsson

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

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remarks - this release:

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

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

R99 current version: 3.11.0

freeze_meeting: SP-05

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

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

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

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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0

freeze_meeting: SP-06

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

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

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

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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: 3.10.0

freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-06 17/12/1999 3 . 0 . 0

RP-07 17/03/2000 3 . 1 . 0

edito 27/04/2000 3 . 1 . 1

RP-08 23/06/2000 3 . 2 . 0

RP-09 11/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 05/04/2001 3 . 5 . 0

RP-12 29/06/2001 3 . 6 . 0

RP-13 03/10/2001 3 . 7 . 0

RP-14 16/01/2002 3 . 8 . 0

RP-15 19/03/2002 3 . 9 . 0

RP-16 03/07/2002 3 . 10 . 0

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

R99 current version: 3.10.0

freeze_meeting: SP-06

WG (prime / other): R4 / - rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,

RP-06 17/12/1999 3 . 0 . 0

RP-07 17/03/2000 3 . 1 . 0

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

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.141 Base station conformance testing (FDD)

R99 *current version:* 3.10.0
freeze_meeting: SP-06

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

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 1
and Scope
First complete 23/04/1999 0 . 1 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 1 . 0 . 0
RP-05 13/10/1999 2 . 0 . 2
RP-06 12/12/1999 3 . 0 . 0
RP-07 15/03/2000 3 . 1 . 0
RP-08 23/06/2000 3 . 2 . 0
RP-09 11/10/2000 3 . 3 . 0
RP-10 22/12/2000 3 . 4 . 0
edito 09/01/2001 3 . 4 . 1
RP-11 05/04/2001 3 . 5 . 0
RP-12 29/06/2001 3 . 6 . 0
RP-13 03/10/2001 3 . 7 . 0
RP-14 16/01/2002 3 . 8 . 0
RP-15 29/03/2002 3 . 9 . 0
RP-16 04/07/2002 3 . 10 . 0

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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 25.142 Base station conformance testing (TDD)

R99 *current version:* 3.10.0

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

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

[get it](#) *remarks - general:*
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TS 25.201 Physical layer - general description

R99 *current version:* 3.4.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents and Scope	16/10/1998	0	.	0	.	0
First complete	15/02/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	0	.	2
RP-08	23/06/2000	3	.	1	.	0
RP-14	09/01/2002	3	.	2	.	0
RP-15	29/03/2002	3	.	3	.	0
RP-16	28/06/2002	3	.	4	.	0

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

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

R99 *current version:* 3.11.0
freeze_meeting: SP-05

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

Telefon AB LM Ericsson

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 . 1 . 0
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-11 05/04/2001 3 . 6 . 0
RP-12 28/06/2001 3 . 7 . 0
RP-13 08/10/2001 3 . 8 . 0
RP-14 09/01/2002 3 . 9 . 0
RP-15 29/03/2002 3 . 10 . 0
RP-16 28/06/2002 3 . 11 . 0

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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 25.212 Multiplexing and channel coding (FDD)

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

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

WG (prime / other): R1 / -

G: U: yes

rapporteur: TANAKA, Yoshinori

MCC: IKEDA, Shinobu

Fujitsu Limited

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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 / -

G: U: yes

rapporteur: CHAMBERS, Peter

MCC: IKEDA, Shinobu

SIEMENS AG

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.214 Physical layer procedures (FDD)

R99 current version: 3.10.0

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

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

ETSI Secretariat

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TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.10.0

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

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

ETSI Secretariat

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

R99	<i>current version:</i> 3.10.0	WG (<i>prime / other</i>):	R1	/ -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Matsushita Communication Industrial Co, Ltd
	<i>freeze_meeting:</i> SP-05	G:	U: yes		<i>MCC:</i>	IKEDA, Shinobu	
<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	get it
RP-04	23/06/1999	1	.	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

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 R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.222 Multiplexing and channel coding (TDD)

R99 current version: 3.9.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

edito 03/05/2000 3 . 2 . 1

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

RP-16 28/06/2002 3 . 9 . 0

WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi

G: U: yes MCC: IKEDA, Shinobu

Nokia Japan Co. Ltd

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

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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 15/01/1999 0 . 0 . 0

WG/TB

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-11 05/04/2001 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

WG (prime / other): R1 / - rapporteur: VACANT,

G: U: yes MCC: IKEDA, Shinobu

[get it](#) remarks - general:
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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 25.224 Physical layer procedures (TDD)

R99 *current version:* 3.10.0
freeze_meeting: SP-05
history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope

RP-03	23/04/1999	1	.	0	.	0
RP-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

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

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remarks - this release:
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TS 25.225 Physical layer; Measurements (TDD)

R99 *current version:* 3.10.0
freeze_meeting: SP-05
history (event, available, version,
RP-05 13/10/1999 3 . 0 . 0
RP-06 12/12/1999 3 . 1 . 0
RP-07 15/03/2000 3 . 2 . 0
RP-08 23/06/2000 3 . 3 . 0
RP-09 18/10/2000 3 . 4 . 0
RP-10 22/12/2000 3 . 5 . 0
RP-11 05/04/2001 3 . 6 . 0
RP-12 28/06/2001 3 . 7 . 0
RP-13 08/10/2001 3 . 8 . 0
RP-14 09/01/2002 3 . 9 . 0
RP-16 28/06/2002 3 . 10 . 0

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

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.301 Radio Interface Protocol Architecture

R99 *current version:* 3.10.0
freeze_meeting: SP-03

WG (*prime / other*): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: U: yes *MCC:* ARZELIER, Claude

history (event, available, version,
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

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.302 Services provided by the physical layer

R99 *current version:* 3.13.0

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

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

3GPP specification status

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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

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

history (event, available, version,
Table of Contents 04/02/1999 0 . 0 . 0
and Scope
First complete 04/03/1999 1 . 0 . 0
RP-03 23/04/1999 2 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0
RP-06 12/12/1999 3 . 2 . 0
RP-07 15/03/2000 3 . 3 . 0
RP-08 23/06/2000 3 . 4 . 0
RP-09 16/10/2000 3 . 5 . 0
RP-10 20/12/2000 3 . 6 . 0
RP-11 27/03/2001 3 . 7 . 0
RP-12 19/06/2001 3 . 8 . 0
RP-13 02/10/2001 3 . 9 . 0
RP-14 04/01/2002 3 . 10 . 0
RP-15 19/03/2002 3 . 11 . 0
RP-16 17/06/2002 3 . 12 . 0

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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 25.304 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

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.6.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-10 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-10 22/12/2000 3 . 0 . 0 [get it](#) *remarks - general:* Converted from TR 25.926 at TSG#10.
RP-11 27/03/2001 3 . 1 . 0 [get it](#) *remarks - this release:* Converted from TR 25.926 v3.2.0 Nov 00.
RP-12 19/06/2001 3 . 2 . 0 [get it](#)
RP-13 02/10/2001 3 . 3 . 0 [get it](#)
RP-14 04/01/2002 3 . 4 . 0 [get it](#)
RP-15 19/03/2002 3 . 5 . 0 [get it](#)
RP-16 17/06/2002 3 . 6 . 0 [get it](#)

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

R99 *current version:* 3.1.0 *WG (prime / other):* R2 / R4 *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-13 *G:* U: yes *MCC:* ARZELIER, Claude

history (event, available, version,
RP-12 27/06/2001 2 . 0 . 0 RP-010326, to be approved RP-13. [get it](#) *remarks - general:* Release independent! - sort of. RP-13: responsibility: R2 = signalling
RP-13 01/10/2001 2 . 1 . 0 RP-010557, but not for approval? - [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! [get it](#)
RP-14 04/01/2002 3 . 1 . 0 [get it](#)

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.321 Medium Access Control (MAC) protocol specification

R99 current version: 3.12.0

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

WG (prime / other): R2 / - rapporteur: GESSNER, Christina SIEMENS AG

G: U: yes MCC: ARZELIER, Claude

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

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

R99 current version: 3.11.0

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

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

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TS 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 current version: 3.9.0

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

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

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

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Server ACTIVE specs R99 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

WG (prime / other): R2 / - rapporteur: HARTL, Mike Vodafone D2 GmbH

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-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

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

TS 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.11.0

freeze_meeting: SP-05

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd

G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

First complete 04/03/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 06/10/2000 3 . 4 . 0

removal of CR 06/10/2000 3 . 4 . 1

RP-10 21/12/2000 3 . 5 . 0

RP-11 27/03/2001 3 . 6 . 0

RP-12 27/06/2001 3 . 7 . 0

RP-13 01/10/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-15 25/03/2002 3 . 10 . 0

RP-16 17/06/2002 3 . 11 . 0

[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 25.401 UTRAN Overall Description

R99 current version: 3.10.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

First complete 04/03/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 1

RP-05 13/10/1999 3 . 0 . 0

RP-06 17/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 05/10/2000 3 . 4 . 0

RP-10 21/12/2000 3 . 5 . 0

RP-11 06/04/2001 3 . 6 . 0

RP-12 06/07/2001 3 . 7 . 0

RP-13 12/10/2001 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

WG (prime / other): R3 / - rapporteur: CALMEL, Jean-Marie

G: U: yes MCC: KRAUSE, Joern

NORTEL NETWORKS (EUROPE)

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

TS 25.402 Synchronisation in UTRAN Stage 2

R99 current version: 3.10.0

freeze_meeting: SP-06

history (event, available, version,

RP-05 13/10/1999 0 . 0 . 1

RP-06 17/12/1999 3 . 0 . 0

RP-07 17/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 05/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 06/04/2001 3 . 5 . 0

RP-12 06/07/2001 3 . 6 . 0

RP-13 12/10/2001 3 . 7 . 0

RP-14 11/01/2002 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

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

SIEMENS Mobile Communications S.p.a.

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

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN lu Interface: General Aspects and Principles

R99 current version: 3.7.0

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

[get it](#) remarks - general: Approval at TSG#5

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

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TS 25.411 UTRAN lu 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:

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

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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.412 UTRAN Iu interface signalling transport

R99 *current version:* 3.6.0

freeze_meeting: SP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 17/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 05/10/2000 3 . 5 . 0

RP-10 21/12/2000 3 . 6 . 0

WG (prime / other): R3 / - *rapporteur:* THAKARE, Kiran

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

RadioScope Limited

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

[get it](#)

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TS 25.413 UTRAN Iu interface RANAP signalling

R99 *current version:* 3.10.0

freeze_meeting: SP-06

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 0 . 2

RP-05 13/10/1999 1 . 3 . 1

RP-06 17/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-08 23/06/2000 3 . 2 . 0

RP-09 05/10/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 06/04/2001 3 . 5 . 0

RP-12 06/07/2001 3 . 6 . 0

RP-13 12/10/2001 3 . 7 . 0

RP-14 14/01/2002 3 . 8 . 0

RP-15 02/04/2002 3 . 9 . 0

RP-16 05/07/2002 3 . 10 . 0

WG (prime / other): R3 / - *rapporteur:* JUSSILA, Jyrki

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

NOKIA Corporation

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

[get it](#)

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.414 UTRAN Iu interface data transport & transport signalling

R99 current version: 3.11.0

freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: COMSTOCK, David Telefon AB LM Ericsson
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

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

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

TS 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.11.0

freeze_meeting: SP-05

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain Telefon AB LM Ericsson
G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0

[get it](#) remarks - general:
[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 R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* TAYLOR, Carolyn Motorola Inc.
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-06 17/12/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-07 2 . 0 . 0 RP-000113 [get it](#) *remarks - this release:*
RP-07 15/03/2000 3 . 0 . 0 [get it](#)
RP-08 23/06/2000 3 . 1 . 0 [get it](#)
RP-09 05/10/2000 3 . 2 . 0 [get it](#)
RP-10 21/12/2000 3 . 3 . 0 [get it](#)
RP-11 06/04/2001 3 . 4 . 0 [get it](#)
RP-12 06/07/2001 3 . 5 . 0 [get it](#)
RP-13 12/10/2001 3 . 6 . 0 [get it](#)
RP-14 11/01/2002 3 . 7 . 0 [get it](#)
RP-15 02/04/2002 3 . 8 . 0 [get it](#)
RP-16 28/06/2002 3 . 9 . 0 [get it](#)

TS 25.420 UTRAN Iur Interface: General Aspects and Principles

R99 *current version:* 3.5.0 *WG (prime / other):* R3 / - *rapporteur:* THAKARE, Kiran RadioScape Limited
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*
RP-04 23/06/1999 0 . 1 . 3 [get it](#) *remarks - this release:*
RP-05 13/10/1999 1 . 0 . 1 [get it](#)
RP-06 12/12/1999 3 . 0 . 0 [get it](#)
RP-07 15/03/2000 3 . 1 . 0 [get it](#)
RP-09 05/10/2000 3 . 2 . 0 [get it](#)
RP-11 05/04/2001 3 . 3 . 0 [get it](#)
RP-14 11/01/2002 3 . 4 . 0 [get it](#)
RP-15 02/04/2002 3 . 5 . 0 [get it](#)

TS 25.421 UTRAN Iur interface Layer 1

R99 *current version:* 3.1.0 *WG (prime / other):* R3 / - *rapporteur:* BRANDT, Achim V. SIEMENS AG
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
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

TS 25.422 UTRAN lur interface signalling transport

R99 *current version:* 3.6.1
freeze_meeting: SP-04

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

RadioScope Limited

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
edito	05/10/2000	3	.	4	.	1
RP-10	21/12/2000	3	.	5	.	0
RP-14	11/01/2002	3	.	6	.	0
edito post RP-14	02/04/2002	3	.	6	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 25.423 UTRAN lur interface RNSAP signalling

R99 *current version:* 3.10.0
freeze_meeting: SP-06

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

Ericsson AB

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

[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 25.424 UTRAN lur interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.9.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-04 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
WG approval 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 1 . 0 . 0 [get it](#) *remarks - this release:*
RP-04 23/06/1999 3 . 0 . 0 [get it](#)
RP-06 12/12/1999 3 . 1 . 0 [get it](#)
RP-05 13/10/1999 3 . 1 . 0 [get it](#)
RP-07 15/03/2000 3 . 2 . 0 [get it](#)
RP-08 23/06/2000 3 . 3 . 0 [get it](#)
RP-09 05/10/2000 3 . 4 . 0 [get it](#)
RP-10 21/12/2000 3 . 5 . 0 [get it](#)
RP-11 06/04/2001 3 . 6 . 0 [get it](#)
RP-14 11/01/2002 3 . 7 . 0 [get it](#)
RP-15 02/04/2002 3 . 8 . 0 [get it](#)
RP-16 28/06/2002 3 . 9 . 0 [get it](#)

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

R99 *current version:* 3.7.0 *WG (prime / other):* R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
freeze_meeting: SP-05 *G:* *U:* yes *MCC:* KRAUSE, Joern

history (event, available, version,
draft 19/03/1999 0 . 0 . 0 [get it](#) *remarks - general:*
RP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
RP-04 23/06/1999 0 . 2 . 0 [get it](#)
RP-05 13/10/1999 0 . 2 . 5 [get it](#)
RP-06 12/12/1999 3 . 0 . 0 [get it](#)
RP-07 15/03/2000 3 . 1 . 0 [get it](#)
RP-08 23/06/2000 3 . 2 . 0 [get it](#)
RP-10 21/12/2000 3 . 3 . 0 [get it](#)
RP-11 06/04/2001 3 . 4 . 0 [get it](#)
RP-13 12/10/2001 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
RP-15 02/04/2002 3 . 7 . 0 [get it](#)

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams					
R99	current version: 3.9.0	WG (prime / other):	R3 / -	rapporteur:	KEKKI, Sami	NOKIA Corporation
	freeze_meeting: SP-04	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	WG approval	19/03/1999	0 . 0 . 0	get it	remarks - general:	
	RP-03	23/04/1999	1 . 0 . 0	get it	remarks - this release:	
	RP-04	23/06/1999	3 . 0 . 0	get it		
	RP-05	13/10/1999	3 . 1 . 0	get it		
	RP-07	15/03/2000	3 . 2 . 0	get it		
	RP-08	23/06/2000	3 . 3 . 0	get it		
	RP-09	05/10/2000	3 . 4 . 0	get it		
	RP-10	21/12/2000	3 . 5 . 0	get it		
	RP-11	06/04/2001	3 . 6 . 0	get it		
	RP-14	11/01/2002	3 . 7 . 0	get it		
	RP-15	04/04/2002	3 . 8 . 0	get it		
	RP-16	28/06/2002	3 . 9 . 0	get it		

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams					
R99	current version: 3.9.0	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	remarks - general:	
	RP-04	23/06/1999	0 . 2 . 1	get it	remarks - this release:	
	RP-05	13/10/1999	3 . 0 . 0	get it		
	RP-06	12/12/1999	3 . 1 . 0	get it		
	RP-07	15/03/2000	3 . 2 . 0	get it		
	RP-08	23/06/2000	3 . 3 . 0	get it		
	RP-09	05/10/2000	3 . 4 . 0	get it		
	RP-10	21/12/2000	3 . 5 . 0	get it		
	RP-11	06/04/2001	3 . 6 . 0	get it		
	RP-12	06/07/2001	3 . 7 . 0	get it		
	RP-13	12/10/2001	3 . 8 . 0	get it		
	RP-14	11/01/2002	3 . 9 . 0	get it		

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 25.430 UTRAN lub Interface: General Aspects and Principles

R99 *current version:* 3.8.0
freeze_meeting: SP-06

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

FUJITSU Laboratories of Europe Limited

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	2
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	21/12/2000	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-14	11/01/2002	3	.	7	.	0
RP-16	28/06/2002	3	.	8	.	0

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

TS 25.431 UTRAN lub interface Layer 1

R99 *current version:* 3.1.0
freeze_meeting: SP-04

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

SIEMENS AG

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

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

TS 25.432 UTRAN lub interface: signalling transport

R99 *current version:* 3.1.0
freeze_meeting: SP-04

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

FUJITSU Laboratories of Europe Limited

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

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

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

3GPP specification status

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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: 3.10.0

freeze_meeting: SP-06

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

history (event, available, version,

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

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 current version: 3.8.0

freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: ALDEN, Magnus Telia Research AB
G: U: yes MCC: KRAUSE, Joern

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

[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> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-03 23/04/1999	0 . 1 . 0		get it	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 2 . 1		get it	<i>remarks - this release:</i>		
	RP-05 13/10/1999	3 . 0 . 0		get it			
	RP-06 12/12/1999	3 . 1 . 0		get it			
	RP-07 15/03/2000	3 . 2 . 0		get it			
	RP-08 23/06/2000	3 . 3 . 0		get it			
	RP-09 10/10/2000	3 . 4 . 0		get it			
	RP-10 21/12/2000	3 . 5 . 0		get it			
	RP-11 06/04/2001	3 . 6 . 0		get it			
	RP-12 06/07/2001	3 . 7 . 0		get it			
	RP-13 12/10/2001	3 . 8 . 0		get it			
	RP-14 11/01/2002	3 . 9 . 0		get it			
	RP-15 02/04/2002	3 . 10 . 0		get it			

TS 25.442	UTRAN implementation-specific O&M transport						
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> RECKER, Stephan		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-05		<i>G:</i> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-03 23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 0 . 2		get it	<i>remarks - this release:</i>		
	RP-05 13/10/1999	3 . 0 . 0		get it			
	RP-07 15/03/2000	3 . 1 . 0		get it			

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> U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>						
	RP-03 23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 0 . 2		get it	<i>remarks - this release:</i> .		

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

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.832 Manifestations of Handover and SRNS relocation

R99 *current version:* 3.0.0

freeze_meeting: SP-05

history (event, available, version,

First complete 04/03/1999 0 . 0 . 0

WG approval 19/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 1 . 1

RP-05 13/10/1999 3 . 0 . 0

WG (prime / other): R3 / - *rapporteur:* TOWNEND, Richard mm02 plc

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

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

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

[get it](#)

[get it](#)

[get it](#)

TR 25.833 Physical layer items not for inclusion in Release 99

R99 *current version:* 1.1.0 DRAFT

freeze_meeting: SP-06

history (event, available, version,

RP-08 12/01/2001 1 . 1 . 0

WG (prime / other): R1 / - *rapporteur:* IKEDA, Shinobu ETSI Secretariat

G: *U:* yes *MCC:* IKEDA, Shinobu

[get it](#) *remarks - general:* Created Jan 2000 (aka R1.03)

remarks - this release:

TR 25.853 Delay budget within the access stratum

R99 *current version:* 3.1.0

freeze_meeting: RP-11

history (event, available, version,

draft 06/04/2001 0 . 0 . 0

RP-10 22/12/2000 3 . 0 . 0

RP-11 06/04/2001 3 . 1 . 0

WG (prime / other): R3 / - *rapporteur:* DELL'ACQUA, Massimo SIEMENS Mobile Communications S.p.a.

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

[get it](#) *remarks - general:* Was 25.932. Approved and renumbered at TSG#10.

[get it](#) *remarks - this release:* TSG#10:3.0.0 (is evidently R99 not Rel-4)

[get it](#)

G = required in systems with GERAN 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, Gairn 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

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 *current version:* 3.4.0

freeze_meeting: SP-06

WG (prime / other): R2 / - *rapporteur:* KRISCHAN, Peter Vodafone D2 GmbH

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

history (event, available, version,

First complete 04/03/1999 0 . 0 . 0

RP-03 23/04/1999 0 . 0 . 2

RP-04 23/06/1999 0 . 1 . 0

RP-05 13/10/1999 0 . 2 . 0

RP-06 21/12/1999 3 . 0 . 0

RP-07 15/03/2000 3 . 1 . 0

RP-09 06/10/2000 3 . 2 . 0

RP-10 20/12/2000 3 . 3 . 0

RP-11 27/03/2001 3 . 4 . 0

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

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

[get it](#)

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TR 25.931 UTRAN Functions, examples on signalling procedures

R99 *current version:* 3.7.0

freeze_meeting: SP-07

WG (prime / other): R3 / - *rapporteur:* CASALINO, Francesco TELECOM ITALIA S.p.A.

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

history (event, available, version,

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 1

RP-05 13/10/1999 1 . 2 . 2

RP-07 15/03/2000 1 . 2 . 4 RP-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:*

[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 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.941	Document structure					
R99	current version: 3.1.0	WG (prime / other):	R4 / -	rapporteur:	TAKAMI, Tadao	NTT DoCoMo Inc
	freeze_meeting: RP-06	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version,					
	RP-03 23/04/1999			get it	remarks - general:	
	RP-04 23/06/1999			get it	remarks - this release:	
	RP-05 13/10/1999			get it		
	RP-06 17/12/1999			get it		

TR 25.942	RF system scenarios					
R99	current version: 3.3.0	WG (prime / other):	R4 / -	rapporteur:	BENABDALLAH, Nadia	Vodafone Omnitel SpA
	freeze_meeting: SP-11	G:	U: yes	MCC:	GUTIERREZ MIGUELEZ, Cesar	
	history (event, available, version,					
	RP-03 23/04/1999			get it	remarks - general:	Additional rapporteur = A.De Pasquale.
	RP-04 23/06/1999			get it	remarks - this release:	
	RP-05 13/10/1999			get it		
	RP-06 12/12/1999			get it		
	RP-07 15/03/2000			get it		
	RP-09 26/10/2000			get it		
	RP-11 10/04/2001			get it		
	RP-12 03/07/2001			get it		
	RP-14 14/01/2002			get it		
	RP-16 03/07/2002			get it		

TR 25.944	Channel coding and multiplexing examples					
R99	current version: 3.5.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu	ETSI Secretariat
	freeze_meeting: SP-07	G:	U: yes	MCC:	IKEDA, Shinobu	
	history (event, available, version,					
	editor's draft 25/11/1999			get it	remarks - general:	Created Jan 2000 (aka R1.04)
	R1-09 15/12/1999			get it	remarks - this release:	
	RP-07 16/03/2000			get it		
	RP-08 23/06/2000			get it		
	RP-09 18/10/2000			get it		
	RP-10 22/12/2000			get it		
	RP-11 06/04/2001			get it		
	edito 10/04/2001			get it		
	RP-12 28/06/2001			get it		

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

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Server ACTIVE 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 26.071 AMR speech Codec; General description

R99 current version: 3.0.1
freeze_meeting: SP-04
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1

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: .
[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,
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

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

TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1
freeze_meeting: SP-06
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0
SP-04 23/06/1999 1 . 0 . 0
SP-05 13/10/1999 2 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
Test sequences 02/02/2000 3 . 0 . 1
available
Test sequences 14/09/2000 3 . 0 . 2
corrected
SP-11 10/04/2001 3 . 1 . 0
corrected test 04/07/2001 3 . 1 . 1

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

Telefon AB LM Ericsson

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

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

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

Telefon AB LM Ericsson

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

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0
freeze_meeting: SP-04
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

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

Telefon AB LM Ericsson

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

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

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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
R99	current version: 3.0.1	WG (prime / other):	S4 / -	rapporteur:	EKUDDEN, Erik	Telefon AB LM Ericsson
	freeze_meeting: SP-04	G: yes U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-03	26/04/1999	1 . 0 . 0		get it	remarks - general: Transfer>TSG#4	
SP-04	23/06/1999	3 . 0 . 0		get it	remarks - this release: .	
SP-05	13/10/1999	3 . 0 . 1		get it		

TS 26.093	AMR speech Codec; Source Controlled Rate operation					
R99	current version: 3.3.0	WG (prime / other):	S4 / -	rapporteur:	EKUDDEN, Erik	Telefon AB LM Ericsson
	freeze_meeting: SP-04	G: yes U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-03	26/04/1999	1 . 0 . 0		get it	remarks - general: Transfer>TSG#4	
SP-04	23/06/1999	3 . 0 . 0		get it	remarks - this release:	
SP-05	13/10/1999	3 . 0 . 1		get it		
SP-06	17/12/1999	3 . 1 . 0		get it		
SP-08	28/06/2000	3 . 2 . 0		get it		
SP-10	21/12/2000	3 . 3 . 0		get it		

TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
R99	current version: 3.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: SP-05	G: yes U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-04	23/06/1999	0 . 1 . 0		get it	remarks - general: Transfer>TSG#4	
SP-03	26/04/1999	0 . 1 . 0		get it	remarks - this release: .	
SP-05	13/10/1999	3 . 0 . 0		get it		

TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure					
R99	current version: 3.3.0	WG (prime / other):	S4 / -	rapporteur:	HAGQVIST, Jari	NOKIA Corporation
	freeze_meeting: SP-06	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-03	26/04/1999	1 . 0 . 0		get it	remarks - general:	
SP-04	23/06/1999	1 . 2 . 0		get it	remarks - this release:	
SP-05	13/10/1999	1 . 4 . 0		get it		
SP-06	17/12/1999	3 . 0 . 0		get it		
SP-07	15/03/2000	3 . 1 . 0		get it		
SP-12	01/08/2001	3 . 2 . 0		get it		
SP-15	28/03/2002	3 . 3 . 0		get it		

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

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Server ACTIVE specs R99 26 .- series
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TS 26.102	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	ETSI Secretariat
	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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Server ACTIVE specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.110 Codec for circuit switched multimedia telephony service; General description

R99 *current version:* 3.1.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:*
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 1 [get it](#)
SP-11 04/07/2001 3 . 1 . 0 [get it](#)

TS 26.111 Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324

R99 *current version:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* ARONSON, Barry TOSHIBA CO
freeze_meeting: SP-04 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* CR at TSG#5
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 3 . 0 . 2 [get it](#)
SP-06 15/12/1999 3 . 1 . 0 [get it](#)
SP-08 28/06/2000 3 . 2 . 0 [get it](#)
SP-09 10/10/2000 3 . 3 . 0 [get it](#)
SP-10 21/12/2000 3 . 4 . 0 [get it](#)

TS 26.131 Terminal acoustic characteristics for telephony; Requirements

R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-06 *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-13 02/10/2001 3 . 3 . 0 [get it](#)

G = required in systems with GERAN access; 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 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
R99	current version: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	GOETZ, Ian	TELLABS OPERATIONS INC.
	freeze_meeting: SP-08	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-05	13/10/1999	0 . 0 . 0		get it	remarks - general:	
draft		0 . 0 . 1			remarks - this release:	
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		

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	current version: 3.3.0	WG (prime / other):	S4 / -	rapporteur:	HAAVISTO, Petri	Nokia Research Center
	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 . 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		

TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
R99	current version: 3.0.0	WG (prime / other):	S4 / -	rapporteur:	FRANCESCHI, Olle	Nippon Ericsson K.K.
	freeze_meeting: SP-07	G: U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
SP-03	26/04/1999	0 . 0 . 1		get it	remarks - general:	
SP-04	23/06/1999	1 . 0 . 0		get it	remarks - this release:	
SP-07	15/03/2000	3 . 0 . 0		get it		

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

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ACTIVE specs R99 26 .- series
Server http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.915 Echo Control For Speech and Multi-Media Services

R99 *current version:* 3.0.0
freeze_meeting: SP-07
history (event, available, version,
Creation of WI by 02/02/2000 0 . 0 . 1
WG/TB
SP-07 17/03/2000 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* Became 26.115 for Rel-4 onwards.
[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:* 3.10.0
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

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 acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

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

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* WIJK, 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:* WIJK, 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

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

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

[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

WG (prime / other): T2 / - rapporteur: BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: yes MCC: RODERMUND, Friedhelm

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

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

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

R99 current version: 3.6.0

freeze_meeting: SP-03

WG (prime / other): N3 / - rapporteur: WILD, Johanna MOTOROLA Ltd
G: yes U: yes MCC: BOSWARTHICK, David

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-11	06/04/2001	3	.	5	.	0
NP-16	24/06/2002	3	.	6	.	0

[get it](#) remarks - general: GPRS
[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 27.103 Wide Area Network Synchronization

R99 *current version:* 3.1.0
freeze_meeting: SP-05
history (event, available, version,
TP-05 08/10/1999 3 . 0 . 0
TP-09 16/10/2000 3 . 1 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TSG#8:3.1.0 but this CR not impementable.

TR 27.901 Report on Terminal Interfaces - An Overview

R99 *current version:* 3.1.0
freeze_meeting: SP-06
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 1
TP-04 18/06/1999 1 . 0 . 0
TP-05 08/10/1999 1 . 0 . 1
TP-06 completed 17/12/1999 3 . 0 . 0
TP-15 26/03/2002 3 . 1 . 0

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

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

TR 27.903 Discussion of synchronization standards

R99 *current version:* 3.0.0
freeze_meeting: SP-05
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0
TP-05 08/10/1999 3 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

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

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 ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.13.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-03 23/04/1999 3 . 0 . 0

[get it](#) remarks - general:

NP-04 23/06/1999 3 . 1 . 0

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

NP-05 13/10/1999 3 . 2 . 0

[get it](#)

NP-06 17/12/1999 3 . 3 . 0

[get it](#)

edito 31/01/2000 3 . 3 . 1

[get it](#)

NP-07 15/03/2000 3 . 4 . 0

[get it](#)

NP-08 23/06/2000 3 . 5 . 0

[get it](#)

edito 04/08/2000 3 . 5 . 1

[get it](#)

edito 10/08/2000 3 . 5 . 2

[get it](#)

NP-09 26/10/2000 3 . 6 . 0

[get it](#)

NP-10 20/12/2000 3 . 7 . 0

[get it](#)

edito 02/01/2001 3 . 7 . 1

[get it](#)

edito to make 31/01/2001 3 . 7 . 2

[get it](#)

figures legible

NP-11 06/04/2001 3 . 8 . 0

[get it](#)

NP-12 06/07/2001 3 . 9 . 0

[get it](#)

NP-13 03/10/2001 3 . 10 . 0

[get it](#)

NP-14 18/01/2002 3 . 11 . 0

[get it](#)

NP-15 04/04/2002 3 . 12 . 0

[get it](#)

NP-16 21/06/2002 3 . 13 . 0

[get it](#)

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

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

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

R99 *current version:* 3.10.0 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
post-SP-04	27/05/1999	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	12/10/2000	3	.	6	.	0
NP-10	22/12/2000	3	.	7	.	0
NP-11	29/03/2001	3	.	8	.	0
NP-14	11/01/2002	3	.	9	.	0
NP-16	24/06/2002	3	.	10	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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[get it](#)
[get it](#)
[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 *current version:* Procedures and the Mobile Application Part (MAP) *3.8.0WG (prime / other):* N4 / - *rapporteur:* VACANT,

freeze_meeting: SP-05

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

history (event, available, version,

NP-03	23/04/1999	0	.	0	.	0
NP-05	13/10/1999	3	.	0	.	0
NP-06	15/12/1999	3	.	1	.	0
NP-07	15/03/2000	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0
NP-10	21/12/2000	3	.	4	.	0
NP-11	30/03/2001	3	.	5	.	0
NP-12	04/07/2001	3	.	6	.	0
NP-14	11/01/2002	3	.	7	.	0
NP-16	21/06/2002	3	.	8	.	0

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

TS 29.011 Signalling Interworking for Supplementary Services

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* DETTNER, Harald 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
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[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 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols
R99	<i>current version:</i> 3.0.0
	<i>freeze_meeting:</i> SP-05
	<i>history (event, available, version,</i>
	NP-04 23/06/1999 3 . 0 . 0
	get it <i>remarks - general:</i> Transfer>TSG#4
	<i>remarks - this release:</i> .

TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification
R99	<i>current version:</i> 3.1.0
	<i>freeze_meeting:</i> SP-03
	<i>history (event, available, version,</i>
	NP-03 23/04/1999 3 . 0 . 0
	NP-09 06/10/2000 3 . 1 . 0
	get it <i>remarks - general:</i>
	get it <i>remarks - this release:</i>

TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R99	<i>current version:</i> 3.10.0
	<i>freeze_meeting:</i> SP-03
	<i>history (event, available, version,</i>
	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
	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 29.060 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface

R99 *current version:* 3.13.0 *WG (prime / other):* N4 / - *rapporteur:* YOUNG, Michael MOTOROLA 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	<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	

TS 29.061 Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)

R99 *current version:* 3.10.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it	<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> 3.12.0	<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		

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		

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TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3					
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	NP-04 27/05/1999					0 . 0 . 0
	NP-06 15/12/1999					1 . 0 . 0
	NP-07 15/03/2000					3 . 0 . 0
	NP-09 25/10/2000					3 . 1 . 0
		get it		remarks - general:	New after TSG#5	
		get it		remarks - this release:		
		get it				
		get it				
<hr/>						
TS 29.198	Open Service Architecture (OSI) Application Programming Interface (API) - Part 1					
R99	current version: 3.4.0	WG (prime / other):	N5 / -	rapporteur:	MOERDIJK, Ard-Jan	Telefon AB LM Ericsson
	freeze_meeting: SP-08	G:	U: yes	MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	NP-07 13/03/2000					1 . 0 . 0
	NP-08 23/06/2000					3 . 0 . 0
	NP-09 09/10/2000					3 . 1 . 0
	NP-10 03/01/2001					3 . 2 . 0
	NP-11 28/03/2001					3 . 3 . 0
	NP-12 29/06/2001					3 . 4 . 0
		get it		remarks - general:	OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.	
		get it		remarks - this release:		
		get it				
		get it				
		get it				
<hr/>						
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards					
R99	current version: none	WG (prime / other):	RP / -	rapporteur:	COURAU, François	ALCATEL S.A.
	freeze_meeting: tbd	G: yes	U: yes	MCC:	ARZELIER, Claude	
	history (event, available, version,					
				remarks - general:		
				remarks - this release:	.	
<hr/>						
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults					
R99	current version: 3.0.0	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: tbd	G: yes	U: yes	MCC:	Peter Skov JORGENSEN, Per Johan	
	history (event, available, version,					
	NP-16 26/06/2002					3 . 0 . 0
		get it		remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to	
				remarks - this release:	. latest Release version.	

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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](#)

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R99

30 .- series

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	WG (prime / other): R3 / -	rapporteur: TAYLOR, Carolyn	Motorola Inc.
	freeze_meeting: SP-06		G: U: yes	MCC: KRAUSE, Joern	
<i>history (event, available, version,</i>					
	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			RP-000688
	draft 21/12/2000	0 . 8 . 6	get it		
RP-11	27/03/2001	0 . 8 . 8	get it		
RP-12	05/07/2001	0 . 9 . 0	get it		RP-010388
RP-13	01/10/2001	0 . 9 . 2	get it		RP-010604
	draft 23/11/2001	0 . 9 . 3	get it		R3-013076

R99

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TS 31.101 UICC-terminal interface; Physical and logical characteristics

R99 *current version:* 3.3.0 *WG (prime / other):* T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,
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
TP-08 06/02/2000 3 . 2 . 0
TP-09 18/10/2000 3 . 3 . 0

completion target

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

TS 31.102 Characteristics of the USIM Application

R99 *current version:* 3.9.0 *WG (prime / other):* T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0
TP-04 23/06/1999 0 . 5 . 0
TP-05 08/10/1999 1 . 0 . 0
TP-06 17/12/1999 3 . 0 . 0
TP-07 completion 15/03/2000 3 . 1 . 0

[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

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TS 31.110	Numbering system for telecommunication IC card applications								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A			
	<i>freeze_meeting:</i> SP-06			<i>G:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	E-mailed to SP-T 15/11/1999	1	. 0	. 0	get it	<i>remarks - general:</i> Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May			
	for information				get it	<i>remarks - this release:</i> 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS			
	TP-06 17/12/1999	3	. 0	. 0	get it	101 220.			
	TP-07 completion 15/03/2000	3	. 1	. 0	get it				
	target								
	TP-09 18/10/2000	3	. 2	. 0	get it				
<hr/>									
TS 31.111	USIM Application Toolkit (USAT)								
R99	<i>current version:</i> 3.8.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd			
	<i>freeze_meeting:</i> SP-07			<i>G:</i> yes	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	TP-06 17/12/1999	1	. 0	. 0	get it	<i>remarks - general:</i> To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.			
	TP-07 15/03/2000	3	. 0	. 0	get it	<i>remarks - this release:</i>			
	TP-08 23/06/2000	3	. 1	. 0	get it				
	TP-09 18/10/2000	3	. 2	. 0	get it				
	TP-10 05/01/2001	3	. 3	. 0	get it				
	TP-11 09/04/2001	3	. 4	. 0	get it				
	TP-12 06/07/2001	3	. 5	. 0	get it				
	TP-13 12/10/2001	3	. 6	. 0	get it				
	TP-14 16/01/2002	3	. 7	. 0	get it				
	TP-16 28/06/2002	3	. 8	. 0	get it				
<hr/>									
TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	ORGA Kartensysteme GmbH			
	<i>freeze_meeting:</i> SP-08			<i>G:</i>	<i>MCC:</i> DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>U:</i> yes					
	TP-09 18/10/2000	1	. 0	. 0	get it	<i>remarks - general:</i> based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP			
	TP-10 05/01/2001	3	. 0	. 0	get it	<i>remarks - this release:</i> TP-11:moved to ETSI-SCP. TP-12: reinstated.			

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

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TS 31.121 UICC-terminal interface; USIM application test specification

R99 *current version:* 3.2.0
freeze_meeting: SP-08
history (event, available, version,
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

WG (*prime / other*): T3 / - *rapporteur:* AFCHAR, Ramin VODAFONE Group Plc
G: U: yes *MCC:* DIETZE, Claus

[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:* 3.3.0
freeze_meeting: SP-08
history (event, available, version,
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

WG (*prime / other*): T3 / - *rapporteur:* KNIGHT, Simon ASPECTS Software Ltd
G: U: yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* based on R99 core spec; was originally 31.121 but renumbered which 31.120 was
remarks - this release: split into two parts
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R99 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 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			
implementation of						
previous CR						
SP-10	21/12/2000	3 . 3 . 0	get it			
edito	22/01/2001	3 . 3 . 1	get it			
SP-11	05/04/2001	3 . 4 . 0	get it			
SP-13	05/10/2001	3 . 5 . 0	get it			
SP-15	26/03/2002	3 . 6 . 0	get it			

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

TS 32.101 3G Telecom 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](#) *remarks - general:*
SP-05 13/10/1999 1 . 2 . 0 [get it](#) *remarks - this release:*
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
SP-07 17/03/2000 3 . 1 . 0 [get it](#)
Editorial 17/03/2000 3 . 1 . 1 [get it](#)
SP-08 23/06/2000 3 . 2 . 0 [get it](#)
SP-10 21/12/2000 3 . 3 . 0 [get it](#)
SP-11 05/10/2001 3 . 4 . 0 [get it](#)

TS 32.102 3G Telecom 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](#) *remarks - general:*
WG/TB *remarks - this release:*
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](#) *remarks - general:*
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
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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http://www.3gpp.org/ftp/Specs/archive/32_series

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> TOVINGER, Thomas	Telefon AB LM Ericsson					
	<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> 3.2.0	<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						

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-5	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	3.3.0	WG (prime / other):	S5 / -	rapporteur:	ZHOU, Di	SIEMENS AG	
	freeze_meeting: SP-10		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version, draft 31/10/2000 0 . 1 . 0			get it	remarks - general:	TSG#8: split into eight parts		
	SP-10 14/12/2000 3 . 0 . 0			get it	remarks - this release:	TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)		
	SP-11 05/04/2001 3 . 1 . 0			get it				
	SP-12 04/07/2001 3 . 2 . 0			get it				
	SP-13 05/10/2001 3 . 3 . 0			get it				

TS 32.106-7	Telecommunication management; Configuration Management (CM); Part 7: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set version 1:1	3.3.0	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 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	3.2.0	WG (prime / other):	S5 / -	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson	
	freeze_meeting: SP-07		G:	U: yes	MCC:	ZOICAS, Adrian		
	history (event, available, version, SP-08: split into 23/06/2000 3 . 1 . 0			get it	remarks - general:	TSG#8: split into eight parts		
	parts				remarks - this release:	TSG#8: multipart split from parent 3.0.1 TSG#8:3.1.0		
	SP-12 03/07/2001 3 . 2 . 0			get it				

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

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

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#)
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)
parts
SP-09 10/10/2000 3 . 2 . 0 [get it](#)

TS 32.111-2 Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point: Information Service

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) *remarks - this release:*
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#)
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)
parts
editorial 06/09/2000 3 . 1 . 1 [get it](#)
SP-09 10/10/2000 3 . 2 . 0 [get it](#)
SP-10 20/12/2000 3 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-3	Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set version 1:1				
R99	<i>current version:</i> 3.6.0	<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>U:</i> yes				
<i>history (event, available, version,</i>					
SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts	
SP-06	17/12/1999	1 . 1 . 0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
SP-07	17/03/2000	3 . 0 . 0	get it		
Editorial	17/03/2000	3 . 0 . 1	get it		
SP-08: split into	23/06/2000	3 . 1 . 0	get it		
parts					
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>U:</i> yes				
<i>history (event, available, version,</i>					
SP-05	13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts	
SP-06	17/12/1999	1 . 1 . 0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
SP-07	17/03/2000	3 . 0 . 0	get it		
Editorial	17/03/2000	3 . 0 . 1	get it		
SP-08: split into	23/06/2000	3 . 1 . 0	get it		
parts					
editorial	06/09/2000	3 . 1 . 1	get it		
SP-14	11/01/2002	3 . 2 . 0	get it		

R99 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

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Server ACTIVE specs R99 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

R99 current version: 3.12.0

freeze_meeting: SP-07

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV

G: U: yes MCC: POPE, Maurice

history (event, available, version,

Table of Contents 04/03/1999 0 . 0 . 1

and Scope

First complete 26/03/1999 1 . 0 . 0

WG approval 26/03/1999 2 . 0 . 0

SP-03 23/04/1999 3 . 0 . 0

SP-04 23/06/1999 3 . 1 . 0

SP-05 13/10/1999 3 . 2 . 0

SP-06 17/12/1999 3 . 3 . 0

SP-07 15/03/2000 3 . 4 . 0

SP-08 23/06/2000 3 . 5 . 0

SP-09 11/10/2000 3 . 6 . 0

SP-10 22/12/2000 3 . 7 . 0

SP-11 04/04/2001 3 . 8 . 0

SP-12 04/07/2001 3 . 9 . 0

SP-14 07/01/2002 3 . 10 . 0

SP-15 26/03/2002 3 . 11 . 0

SP-16 19/06/2002 3 . 12 . 0

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

[get it](#)

[get it](#)

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TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

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

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

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Server ACTIVE specs R99 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.105	Cryptographic Algorithm requirements					
R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-04	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-05 13/10/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-06 17/12/1999 3 . 2 . 0	get it				
	SP-07 15/03/2000 3 . 3 . 0	get it				
	SP-08 23/06/2000 3 . 4 . 0	get it				
	SP-09 11/10/2000 3 . 5 . 0	get it				
	SP-10 22/12/2000 3 . 6 . 0	get it				
	SP-11 30/03/2001 3 . 7 . 0	get it				
	SP-12 04/07/2001 3 . 8 . 0	get it				
<hr/>						
TS 33.106	Lawful interception requirements					
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-08	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-06	<i>G:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	SP-04 23/06/1999 3 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-10 22/12/2000 3 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-11 30/03/2001 3 . 2 . 0	get it				
	SP-13 03/10/2001 3 . 3 . 0	get it				
	SP-14 07/01/2002 3 . 4 . 0	get it				
	SP-15 26/03/2002 3 . 5 . 0	get it				

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TS 33.120	Security Objectives and Principles						
R99	current version: 3.0.0	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	freeze_meeting: SP-03	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,	get it		remarks - general:			
	Table of Contents 04/03/1999 0 . 0 . 1			remarks - this release:			
	and Scope						
	First complete 26/03/1999 1 . 0 . 0	get it					
	WG approval 26/03/1999 2 . 0 . 0	get it					
	SP-03 23/04/1999 3 . 0 . 0	get it					
TR 33.901	Criteria for cryptographic Algorithm design process						
R99	current version: 3.0.0	WG (prime / other):	S3 / -	rapporteur:	BLOM, Rolf	Telefon AB LM Ericsson	
	freeze_meeting: SP-04	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,	get it		remarks - general:			
	SP-03 23/04/1999 0 . 0 . 0			remarks - this release:			
	SP-04 23/06/1999 3 . 0 . 0	get it					
TR 33.902	Formal Analysis of the 3G Authentication Protocol						
R99	current version: 3.1.0	WG (prime / other):	S3 / -	rapporteur:	HORN, Guenther	SIEMENS AG	
	freeze_meeting: SP-05	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,	get it		remarks - general:			
	SP-05 13/10/1999 3 . 0 . 0			remarks - this release:			
	SP-06 17/12/1999 3 . 1 . 0	get it					
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms						
R99	current version: 3.0.0	WG (prime / other):	S3 / -	rapporteur:	WALKER, Michael	VODAFONE Group Plc	
	freeze_meeting: SP-07	G:	U: yes	MCC:	POPE, Maurice		
	history (event, available, version,	get it		remarks - general:	TSG#7: S3-000105=NP-000049		
	SP-07 17/03/2000 3 . 0 . 0 SP-000039			remarks - this release:			

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:* 3.8.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nuhman Anite Telecoms Ltd.
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* SALMERON, Lidia

history (event, available, version,

Start of work	0	.	0	.	1				<i>remarks - general:</i>
TP-07 15/03/2000	1	.	0	.	0	TP-000032	get it		<i>remarks - this release:</i> TSG#8:aprvl is controversial
editorial tidy up 23/03/2000	1	.	0	.	1		get it		
TP-08	2	.	0	.	0				
TP-08 23/06/2000	3	.	0	.	0		get it		
Editorial 23/06/2000	3	.	0	.	1		get it		
TP-09 06/10/2000	3	.	1	.	0		get it		
TP-10 09/01/2001	3	.	2	.	0		get it		
TP-11 28/03/2001	3	.	3	.	0		get it		
TP-12 27/06/2001	3	.	4	.	0		get it		
TP-13 08/10/2001	3	.	5	.	0		get it		
TP-14 09/01/2002	3	.	6	.	0		get it		
TP-15 20/03/2002	3	.	7	.	0		get it		
edito post TP-15 26/03/2002	3	.	7	.	1		get it		
TP-16 17/06/2002	3	.	8	.	0		get it		

TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.6.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-03 23/04/1999	0	.	0	.	0		get it	<i>remarks - general:</i> TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
RP-04 18/06/1999	0	.	2	.	0		get it	<i>remarks - this release:</i> TSG#9: Stable, so txfered from T1 to R2.
RP-05 08/10/1999	1	.	0	.	0		get it	
RP-06 17/12/1999	1	.	0	.	3		get it	
next version 03/02/2000	1	.	1	.	0		get it	
RP-07 15/03/2000	1	.	2	.	0		get it	
RP-08 23/06/2000	3	.	0	.	0		get it	
RP-09 05/10/2000	3	.	1	.	0		get it	
RP-10 20/12/2000	3	.	2	.	0		get it	
RP-11 27/03/2001	3	.	3	.	0		get it	
RP-12 19/06/2001	3	.	4	.	0		get it	
RP-15 19/03/2002	3	.	5	.	0		get it	
RP-16 17/06/2002	3	.	6	.	0		get it	

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:* 3.9.0 *WG (prime / other):* T1 / - *rapporteur:* HIGUCHI, Kenji ADVANTEST Corporation

freeze_meeting: SP-07

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

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

[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 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:* 3.8.0 *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	<i>remarks - general:</i>
TP-05	08/10/1999	0	.	1	.	0		get it	<i>remarks - this release:</i>
TP-06	17/12/1999	1	.	0	.	0		get it	
TP-07	15/03/2000	1	.	2	.	0		get it	
Editorial	15/03/2000	1	.	2	.	1		get it	
TP-08		2	.	0	.	0			
TP-08	23/06/2000	3	.	0	.	0		get it	
edito	28/08/2000	3	.	0	.	1		get it	
TP-09	05/10/2000	3	.	1	.	0		get it	
TP-10	21/12/2000	3	.	2	.	0		get it	
TP-11	28/03/2001	3	.	3	.	0		get it	
TP-12	18/06/2001	3	.	4	.	0		get it	
TP-13	03/10/2001	3	.	5	.	0		get it	
TP-14	09/01/2002	3	.	6	.	0		get it	
TP-15	21/03/2002	3	.	7	.	0		get it	
TP-16	17/06/2002	3	.	8	.	0		get it	

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 ETSI Secretariat
freeze_meeting: SP-08 *G:* U: yes *MCC:* SALMERON, Lidia

history (event, available, version,

TP-03	23/04/1999	0	.	0	.	0		get it	<i>remarks - general:</i>
TP-05	08/10/1999	0	.	0	.	4		get it	<i>remarks - this release:</i>
TP-06	17/12/1999	1	.	0	.	0		get it	
manicure	23/03/2000	1	.	0	.	1		get it	
TP-08		2	.	0	.	0			
TP-08	23/06/2000	3	.	0	.	0		get it	
TP-09	10/10/2000	3	.	1	.	0		get it	
TP-10	09/01/2001	3	.	2	.	0		get it	
TP-11	28/03/2001	3	.	3	.	0		get it	
TP-12	28/06/2001	3	.	4	.	0		get it	
TP-13	03/10/2001	3	.	5	.	0		get it	

G = required in systems with GERAN 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	<i>remarks - general:</i>
TP-05	08/10/1999	0	.	0	.	6	get it	<i>remarks - this release:</i> TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0 to keep in step with part 1).
TP-06	17/12/1999	1	.	0	.	0	get it	
TP-07	15/03/2000	1	.	0	.	1	get it	
TP-09	22/09/2000	2	.	0	.	0	get it	
TP-09	06/10/2000	3	.	1	.	0	get it	
TP-10	09/01/2001	3	.	2	.	0	get it	
TP-11	28/03/2001	3	.	3	.	0	get it	
TP-12	28/06/2001	3	.	4	.	0	get it	
TP-13	04/10/2001	3	.	5	.	0	get it	

TS 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99 *current version:* 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	<i>remarks - general:</i>
Start work if STF		0	.	0	.	1		<i>remarks - this release:</i>
fund +T2 input avail.								
TP-11	28/03/2001	1	.	0	.	0	get it	
TP-12	28/06/2001	1	.	0	.	3	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 meeting-08	28/02/2000	2	0	0	get it	
TP-07		2	0	1		SP-000034
TP-07	15/03/2000	3	0	0	get it	
TP-09	05/10/2000	3	1	0	get it	
RP-10	09/01/2001	3	2	0	get it	
RP-11	05/04/2001	3	3	0	get it	

TR 34.907 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> .

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	<i>remarks - general:</i>
TP-04	18/06/1999	3	0	0	get it	<i>remarks - this release:</i> .

R99

35 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

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Server ACTIVE specs R99 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							
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 deliverable yet available	get it	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	12/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:			
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 deliverable yet available	get it	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	12/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:			
IPR, licence text	20/08/2001	3 . 1 . 2		get it				
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 deliverable yet available	get it	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	16/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:			
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 deliverable yet available	get it	remarks - general: ex SAGE; supplied by ETSI under licence			
Formatting	12/07/2001	3 . 1 . 1	Sage makes source file available.	get it	remarks - this release:			
IPR, licence text	20/08/2001	3 . 1 . 2		get it				

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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	ETSI Secretariat	
	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:	
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0				
R98	current version: 7.0.1	WG (prime / other): S3 / -	rapporteur: WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	freeze_meeting: smg-29	G: yes U:	MCC: POPE, Maurice		
	history (event, available, version, smg-25 20/03/1998 7 . 0 . 0 smg-26 26/06/1998 7 . 0 . 1		get it get it	remarks - general: remarks - this release:	
TR 01.33	Lawful Interception requirements for GSM				
R98	current version: 7.0.0	WG (prime / other): S3 / -	rapporteur: MCKIBBEN, Bernie	MOTOROLA GmbH	
	freeze_meeting: smg-29	G: yes U:	MCC: POPE, Maurice		
	history (event, available, version, smg-25 20/03/1998 7 . 0 . 0		get it	remarks - general: remarks - this release: #25: 7.0.0 (renumbered from 10.20)	
TS 01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements				
R98	current version: 7.0.0	WG (prime / other): S1 / -	rapporteur: MESSIET, Samira	ALCATEL S.A.	
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version, smg-28 1 . 0 . 0 smg-29 25/06/1999 7 . 0 . 0		get it	remarks - general: remarks - this release:	

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

3GPP specification status

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Server ACTIVE specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements
R98 *current version: 7.0.0* WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
upgrade to R98 04/10/2001 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.1.0* WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.0.2* WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*
ETSI publication 13/12/1999 7 . 0 . 2 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)
R98 *current version: 7.0.0* WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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 02.04 General on Supplementary Services

R98 *current version: 7.1.2*
freeze_meeting: smg-29
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0
smg-28 12/02/1999 7 . 1 . 0
smg-29 25/06/1999 7 . 1 . 1
ETSI publication 28/12/1999 7 . 1 . 2

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TS 02.06 Types of Mobile Stations (MS)

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI publication 29/12/1999 7 . 0 . 1

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 02.07 Mobile Station (MS) Features

R98 *current version: 7.1.0*
freeze_meeting: smg-29
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0
ETSI publication 03/08/1999 7 . 0 . 1
SP-07 15/03/2000 7 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 02.09 Security aspects

R98 *current version: 7.1.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI publication 12/01/2000 7 . 0 . 1
smg-31 16/02/2000 7 . 1 . 0
ETSI publication 29/08/2000 7 . 1 . 1

WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, TELIA PROMOTOR AB
NP
G: yes U: *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

G = required in systems with GERAN acces; 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 02.11	Service Accessibility								
R98	<i>current version:</i> 7.1.0								
	<i>freeze_meeting:</i> smg-29								
	<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:</i> 7.2.0								
	<i>freeze_meeting:</i> smg-29								
	<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		
<hr/>									
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics								
R98	<i>current version:</i> 7.1.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7	.	0	.	0			
	smg-27 16/10/1998	7	.	1	.	0			
	smg-29 25/06/1999	7	.	1	.	1			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	
							get it		
<hr/>									
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
R98	<i>current version:</i> 7.1.0								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	7	.	0	.	0			
	smg-29 25/06/1999	7	.	1	.	0			
							get it	<i>remarks - general:</i>	SMG9->T3@#31
							get it	<i>remarks - this release:</i>	
<hr/>									
TS 02.22	Stage 1 for personalisation of GSM ME								
R98	<i>current version:</i> 7.0.0								
	<i>freeze_meeting:</i> smg-29								
	<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 02.24	Description of Charge Advice Information (CAI)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David			VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-29	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>			
	editorial 19/07/2002 7 . 1 . 1	get it				
<hr/>						
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	G: yes U:	<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	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	draft 26/06/1996 1 . 0 . 0	get it	<i>remarks - general:</i>			
	draft 01/03/1998 2 . 0 . 0	get it	<i>remarks - this release:</i>			
	smg-25 20/03/1998 7 . 0 . 0	get it				
	smg-26 26/06/1998 7 . 1 . 0	get it				
	smg-29 25/06/1999 7 . 1 . 1	get it				

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TS 02.33	Lawful Interception (LI); Stage 1					
R98	<i>current version:</i> 7.3.0		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie		MOTOROLA GmbH
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC: POPE, Maurice		
	<i>history (event, available, version,</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		
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
TS 02.40	Procedures for Call Progress Indications					
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>	
	edito 28/07/1999 7 . 0 . 1			get it	<i>remarks - this release:</i>	
TS 02.41	Operator Determined Barring					
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,		BUNDESMINISTERIUM FUR WIRTSCHAFT
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R98	<i>current version:</i> 7.0.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les		Union Internationale des Chemins de Fer
	<i>freeze_meeting:</i> smg-29		G: yes U:	MCC: CLAYTON, Michael		
	<i>history (event, available, version,</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 02.43	Support of Localised Service Area (SoLSA); Service description; Stage 1					
R98	current version: 7.3.0	WG (prime / other):	S1 /	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27					remarks - general:
	smg-28	7 . 0 . 0				remarks - this release:
	SP-05	7 . 1 . 0				
	SP-08	7 . 2 . 0				
	07/09/2000	7 . 3 . 0				get it
<hr/>						
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version,					
	smg-29	25/06/1999	7 . 0 . 0			remarks - general: SMG9->T3@#31
						remarks - this release:
<hr/>						
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R98	current version: 7.0.1	WG (prime / other):	S4 /	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-25	20/03/1998	7 . 0 . 0			remarks - general: SMG11->S4 at SMG#30
	ETSI publication	16/08/1999	7 . 0 . 1			remarks - this release:
<hr/>						
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
R98	current version: 7.2.1	WG (prime / other):	S1 / -	rapporteur:	GALLIGO, Michel	ALCATEL S.A.
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27	16/10/1998	7 . 0 . 0			remarks - general:
	smg-28	12/02/1999	7 . 1 . 0			remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0
	ETSI PE	26/05/1999	7 . 1 . 1			
	smg-29	25/06/1999	7 . 2 . 0			
	ETSI publication	05/09/2000	7 . 2 . 1			get it

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TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat					
	<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-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 #29: 7.1.0						
TS 02.60	General Packet Radio Service Stage 1 Description								
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> smg-29	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> #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.2.0 TSG#5 7.3.0. Suspect TSG#5 CR not approved. TSG#7: 7.4.0 TSG#8:7.5.0						
	smg-29 25/06/1999 7 . 2 . 0	get it							
	SP-05 08/10/1999 7 . 3 . 0	get it							
	SP-07 15/03/2000 7 . 4 . 0	get it							
	SP-08 23/06/2000 7 . 5 . 0	get it							
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> smg-29	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>						
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> VACANT,						
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i>						
	SP-07 15/03/2000 7 . 1 . 0	get it	<i>remarks - this release:</i> #25: 7.0.0 (5.0.0 withdrawn) TSG#7: 7.1.0						
TS 02.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> smg-29	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 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i>						

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TS 02.68 Voice Group Call Service (VGCS); Stage 1
R98 *current version: 7.0.2* WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
edito 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
publish EN 300 24/08/2000 7 . 0 . 2 [get it](#)
925

TS 02.69 Voice Broadcast Service (VBS); Stage 1
R98 *current version: 7.0.2* WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 0 . 1 [get it](#) *remarks - this release: #28: 7.0.0*
ETSI publication 29/12/1999 7 . 0 . 2 [get it](#)

TS 02.71 Location Services (LCS); Stage 1
R98 *current version: 7.3.0* WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 1 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - this release: #28: 1.0.0 #29: 7.0.0 TSG#5 7.1.0 TSG#6: 7.2.0 TSG#11:7.3.0*
SP-05 08/10/1999 7 . 1 . 0 [get it](#)
SP-06 15/12/1999 7 . 2 . 0 [get it](#)
SP-11 06/04/2001 7 . 3 . 0 [get it](#)

TS 02.72 Call Deflection Service description, Stage 1
R98 *current version: 7.2.1* WG (prime / other): S1 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release: #25: 7.0.0 (5.0.0 withdrawn) #27: 7.1.0 #28: 7.2.0*
smg-28 12/02/1999 7 . 2 . 0 [get it](#)
smg-29 25/06/1999 7 . 2 . 1 [get it](#)

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TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)								
R98	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		
<hr/>									
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	
<hr/>									
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	
<hr/>									
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	
<hr/>									
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1								
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael				
history (event, available, version,									
smg-29	25/06/1999	7 . 0 . 0					get it	remarks - general:	
								remarks - this release: #29: 7.0.0	

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TS 02.84	MultiParty (MPY) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, 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		
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release: #29: 7.0.0	

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TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SLOTTE, Sverre	NOKIA Corporation
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.91	Explicit Call Transfer (ECT)					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	POSTMANN, Erwin	SIEMENS AG
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	
<hr/>						
TS 02.96	Name Identification Supplementary Services; Stage 1					
R98	<i>current version: 7.0.0</i>	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting: smg-29</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	<i>smg-29 25/06/1999 7 . 0 . 0</i>			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #29: 7.0.0</i>	

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.97 Multiple Subscriber Profile (MSP) Service description, Stage 1

R98 *current version: 7.1.0* WG (prime / other): S1 / - rapporteur: CLAYTON, Michael ETSI Secretariat
freeze_meeting: smg-29 G: yes U: MCC: CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0*

R98 **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R98 *current version: 7.0.0* WG (prime / other): S2 / NP / rapporteur: GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-29 G: yes U: MCC: SULTAN, Alain
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG3->SA2 @ TSG#7*
remarks - this release: #29:7.0.0

TS 03.02 Network Architecture

R98 *current version: 7.1.0* WG (prime / other): S2 / NP / rapporteur: SULTAN, Alain ETSI Secretariat
freeze_meeting: smg-29 G: yes U: T2 MCC: SULTAN, Alain
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 S#6: 7.1.0*

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Server ACTIVE specs R98 03 .- series
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TS 03.03 Numbering, Addressing and Identification

R98 *current version: 7.7.0* WG (prime / other): N4 / T2 *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 15/12/1999 7 . 3 . 0 [get it](#)
edito 11/02/2000 7 . 3 . 1 [get it](#)
NP-07 15/03/1999 7 . 4 . 0 [get it](#)
NP-08 17/03/2000 7 . 5 . 0 [get it](#)
NP-12 27/06/2001 7 . 6 . 0 [get it](#)
NP-16 26/06/2002 7 . 7 . 0 [get it](#)
SA did not approve companion CRs to 02.16.

TR 03.05 Technical performance objectives

R98 *current version: 7.0.0* WG (prime / other): NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 G: yes U: *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.07 Restoration Procedures

R98 *current version: 7.1.0* WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-06 15/12/1999 7 . 1 . 0 [get it](#) *remarks - this release:*

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TS 03.08	Organization of Subscriber Data					
R98	current version: 7.4.0	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			get it	remarks - general:	
	smg-29 25/06/1999			get it	remarks - this release:	
	NP-06 17/12/1999			get it		
	NP-07 15/03/2000			get it		
	NP-09 31/10/2000			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 JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999			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			get it	remarks - general:	
	smg-29 26/06/1999			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			get it	remarks - general:	
	ETSI publication 12/01/2000			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:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	

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TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R98	current version: 7.0.0	WG (prime / other):	G1 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R98	current version: 7.0.1	WG (prime / other):	N1 / -	rapporteur:	ZAUS, Robert	SIEMENS AG
	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:	
	edito 10/08/1999 7 . 0 . 1			get it	remarks - this release: #28: 7.0.0	
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-29	G: yes U:		MCC:	Chalmers KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
TS 03.16	Subscriber Data Management					
R98	current version: 7.5.0	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	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:	
	smg-29 25/06/1999 7 . 1 . 0			get it	remarks - this release: #28: 7.0.0 SMG#29: 7.1.0 TSG#6: 7.2.0 TSG#7: 7.3.0 TSG#9:7.4.0 TSG#11:7.5.0	
	NP-06 15/12/1999 7 . 2 . 0			get it		
	NP-07 15/03/2000 7 . 3 . 0			get it		
	NP-09 31/10/2000 7 . 4 . 0			get it		
	NP-11 02/04/2001 7 . 5 . 0			get it		

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.18	Basic Call Handling								
R98	current version: 7.4.0								
	freeze_meeting: smg-29								
	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								
	freeze_meeting: smg-29								
	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								
	freeze_meeting: smg-29								
	history (event, available, version,								
	smg-28 12/02/1999	7	.	0	.	0		get it	remarks - general:
	smg-29 25/06/1999	7	.	1	.	0		get it	remarks - this release: #32:7.3.0? - status of CRs unclear.
	smg-30 11/11/1999	7	.	2	.	0		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	current version: 7.4.0 freeze_meeting: smg-29	WG (prime / other): G1 / N1	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0	get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	smg-29 25/06/1999	7 . 1 . 0	get it	remarks - this release:	group receive mode".	
	smg-30 11/11/1999	7 . 2 . 0	get it			
	SP-06 15/12/1999	7 . 3 . 0	get it			
	SP-11 11/04/2001	7 . 4 . 0	get it			
<hr/>						
TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general:		
				remarks - this release:		
<hr/>						
TR 03.30	Radio Network Planning Aspects					
R98	current version: 7.1.0 freeze_meeting: smg-29	WG (prime / other): GP / -	rapporteur: TEGTH, Ulf	TELIA AB		
		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999	7 . 0 . 0	get it	remarks - general:		
	smg-31 16/02/2000	7 . 1 . 0	get it	remarks - this release:	#29: 7.0.0 #31:7.1.0	
<hr/>						
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2					
R98	current version: 7.0.0 freeze_meeting: smg-29	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,					
	smg-26 26/06/1998	7 . 0 . 0	get it	remarks - general:	2001-09-03: S3 secretary reports that this spec is not mature enough for official	
				remarks - this release:	publication. Work continues in 43.031.	

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TS 03.32	Universal Geographical Area Description (GAD)					
R98	current version: 7.1.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	SULTAN, Alain	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
SP-08	23/06/2000	7 . 1 . 0		get it	remarks - this release: #29: 7.0.0 TSG#8:7.1.0	
TS 03.33	Lawful Interception; Stage 2					
R98	current version: 7.2.0	WG (prime / other):	S3 / -	rapporteur:	MCKIBBEN, Bernie	MOTOROLA GmbH
	freeze_meeting: smg-29	G: yes U:		MCC:	POPE, Maurice	
history (event, available, version,						
smg-28	12/02/1999	7 . 0 . 0		get it	remarks - general:	
smg-29	25/06/1999	7 . 1 . 0		get it	remarks - this release: #27: for info #28: 7.0.0 #29: 7.1.0 TSG#10:7.2.0	
SP-10	21/12/2000	7 . 2 . 0		get it		
TS 03.34	High Speed Circuit Switched Data (HSCSD); Stage 2					
R98	current version: 7.0.0	WG (prime / other):	N1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
TS 03.35	Immediate Service Termination (IST); Stage 2					
R98	current version: 7.0.1	WG (prime / other):	S3 / -	rapporteur:	WRIGHT, Tim	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	POPE, Maurice	
history (event, available, version,						
smg-27	16/10/1998	7 . 0 . 0		get it	remarks - general:	
ETSI publication	30/10/2001	7 . 0 . 1		get it	remarks - this release:	
TS 03.38	Alphabets and language-specific information					
R98	current version: 7.2.0	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-28	12/02/1999	7 . 1 . 0		get it	remarks - this release: #26: 7.0.0 #28: 7.1.0 #29: 7.2.0	
smg-29	25/06/1999	7 . 2 . 0		get it		

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TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)								
R98	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-27 16/10/1998	7 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-29 25/06/1999	7 . 2 . 0		get it					
	TP-05 08/10/1999	7 . 3 . 0		get it					
	TP-06 15/12/1999	7 . 4 . 0		get it					
	TP-14 11/01/2002	7 . 5 . 0		get it					

TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-29 25/06/1999	7 . 1 . 0		get it	<i>remarks - this release:</i>				
	TP-06 15/12/1999	7 . 2 . 0		get it					
	TP-07 15/03/2000	7 . 3 . 0		get it					
	TP-09 19/10/2000	7 . 4 . 0		get it					

TS 03.42	SMS Compression								
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	7 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-28 12/02/1999	7 . 1 . 0		get it	<i>remarks - this release:</i> #26: 7.0.0 #28: 7.1.0				
	smg-29 25/06/1999	7 . 1 . 1		get it					

TR 03.43	Support of Videotex								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08	<i>G: yes U:</i>		<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>				
					<i>remarks - this release:</i> #29: 7.0.0				

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-08								
		<i>G: yes U:</i>	<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>					
				<i>remarks - this release:</i>					
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
	ETSI publication 12/01/2000 7 . 0 . 1		get it	<i>remarks - general:</i>					
			get it	<i>remarks - this release:</i>					
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David						
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm						
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i> smg-28 12/02/1999 7 . 0 . 0	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus						
	smg-29 25/06/1999 7 . 0 . 1								
			get it	<i>remarks - general:</i> SMG9->T3@#31					
			get it	<i>remarks - this release:</i>					

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> SP-08	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat	
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i>		
<hr/>					
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
	<i>history (event, available, version,</i> 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	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0 #32:7.1.0		
		get it			
		get it			
		get it			
<hr/>					
TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2				
R98	<i>current version:</i> 7.1.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> GIRAUD, Alexis	ALCATEL S.A.	
	<i>history (event, available, version,</i> 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	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0		
		get it			
		get it			
		get it			
<hr/>					
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2				
R98	<i>current version:</i> 7.0.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	<i>history (event, available, version,</i> smg-25 20/03/1998 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino		
		get it	<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11 <i>remarks - this release:</i> #25: 7.0.0		
		get it			

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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	<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:</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	<i>G: yes U:</i>	<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 (MExE); Functional description; Stage 2				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> BRENK, Lars	TTPCom Ltd	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<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	<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 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R98 *current version:* 7.8.1 *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

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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TS 03.66	Support of GSM Mobile Number Portability (MNP); Stage 2					
R98	<i>current version:</i> 7.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0		get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 (Expect 7.3.0 dealing with PE comments.)		
	NP-05 08/10/1999 7 . 2 . 0		get it	TSG#7: 7.3.0		
	NP-07 15/03/2000 7 . 3 . 0		get it			
	ETSI publication 10/10/2000 7 . 3 . 1		get it			
<hr/>						
TS 03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH		
	<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>		
	NP-07 17/03/2000 7 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-10 21/12/2000 7 . 2 . 0		get it			
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-07 15/12/1999 7 . 1 . 0		get it	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0		
	NP-09 12/10/2000 7 . 2 . 0		get it			
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MÜNNING, Dirk	DETECON GMBH		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-07 15/03/2000 7 . 1 . 0		get it	<i>remarks - this release:</i> #29: 7.0.0 TSG#7: 7.1.0 TSG#9:7.2.0		
	NP-09 12/10/2000 7 . 2 . 0		get it			

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
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](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.72 Call Deflection stage 2

R98 *current version: 7.1.0*
freeze_meeting: smg-29
history (event, available, version,
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 ETSI Secretariat
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: Chalmers
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	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-28 12/02/1999	7 . 0 . 0			get it	remarks - general:
smg-29 25/06/1999	7 . 0 . 1			get it	remarks - this release: #28: 7.0.0
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					Indicate persons who left Company and wait for new One
smg-29 25/06/1999	7 . 0 . 0			get it	remarks - general:
					remarks - this release: #29: 7.0.0
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					NORTEL NETWORKS (EUROPE)
smg-29 25/06/1999	7 . 0 . 0			get it	remarks - general:
					remarks - this release: #29: 7.0.0
<hr/>					
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2				
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					T-MOBILE DEUTSCHLAND
smg-29 25/06/1999	7 . 0 . 0			get it	remarks - general:
					remarks - this release: #29: 7.0.0
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-29 25/06/1999	7 . 0 . 0			get it	remarks - general:
					remarks - this release:

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TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0*

TS 03.87 User-to-user signalling (UUS); Stage 2

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 17/12/1999 7 . 0 . 2

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*
[get it](#)

TS 03.88 Call Barring (CB) supplementary services; Stage 2

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:* HAMEL, Eric France Telecom
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.90 Unstructured Supplementary Service Data (USSD)

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:* CHOTAI, Sunil mm02 plc
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

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:* DZUBAN, Stanislav SIEMENS AG
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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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:* HÄMÄLÄINEN, Pekka Telefon AB LM Ericsson
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:* GARAPATY, Sonia Nortel Networks (USA)
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:* Peter Skov
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

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 04.02	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	SIEMENS AG	
	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 04.05	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

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

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Server ACTIVE specs R98 04 .- series
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TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R98 *current version: 7.2.1* WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 14/12/1999 7 . 0 . 1 [get it](#) *remarks - this release:*
smg-31 16/02/2000 7 . 1 . 0 [get it](#)
Editorial correction 16/02/2000 7 . 1 . 1 [get it](#)
ETSI publication 29/09/2000 7 . 1 . 2 [get it](#)
GP-03 31/01/2001 7 . 2 . 0 [get it](#)
edito 31/01/2001 7 . 2 . 1 [get it](#)

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R98 *current version: 7.3.0* WG (prime / other): N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 2 . 0 [get it](#)
NP-06 15/12/1999 7 . 3 . 0 [get it](#)

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TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.17.0

freeze_meeting: smg-29

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

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

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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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TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R98 current version: 7.1.0

freeze_meeting: smg-29

WG (prime / other): N4 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

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:

remarks - this release:

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TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
R98	<i>current version:</i> 7.1.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> NOBUYUKI, Uda		NTT COMWARE Corporation		
	<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>			
	NP-09 12/10/2000	7 . 1 . 0			get it	<i>remarks - this release:</i>			
<hr/>									
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface								
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> G2 / T2		<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<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>			
	ETSI publication 12/01/2000	7 . 0 . 1			get it	<i>remarks - this release: #29: 7.0.0</i>			
<hr/>									
TS 04.13	Performance Requirements on Mobile Radio Interface								
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> PUDNEY, Chris		VODAFONE Group Plc		
	<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>			
	ETSI publication 12/01/2000	7 . 0 . 1			get it	<i>remarks - this release: #29: 7.0.0</i>			
<hr/>									
TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R98	<i>current version:</i> 7.3.0		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> HOWELL, Andrew		MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>		<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-30 11/11/1999	7 . 1 . 0			get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000	7 . 2 . 0			get it				
	GP-10 19/07/2002	7 . 3 . 0			get it				

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TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R98	<i>current version:</i> 7.1.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation				
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
<i>history (event, available, version,</i>									
smg-27	16/10/1998	7 . 0 . 0		get it	<i>remarks - general:</i>				
edito		7 . 0 . 1			<i>remarks - this release:</i> #27: 7.0.0 TSG#8:7.1.0				
smg-29	25/06/1999	7 . 0 . 2		get it					
ETSI publication	14/12/1999	7 . 0 . 3		get it					
NP-08	21/06/2000	7 . 1 . 0		get it					

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R98	<i>current version:</i> Switching Centre (BSS - MSC) interface	7.1.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert				
SIEMENS AG									
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
<i>history (event, available, version,</i>									
smg-28	12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>				
NP-06	15/12/1999	7 . 1 . 0		get it	<i>remarks - this release:</i> #28: 7.0.0 TSG#6: 7.1.0				

TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3								
R98	<i>current version:</i> 7.3.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)				
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
<i>history (event, available, version,</i>									
smg-30 bis	06/12/1999	7 . 0 . 1		get it	<i>remarks - general:</i> Seems to be a dispute over ownership: SMG2 or 3 (plus CN-ss)? Decision: SMG3				
smg-31	16/02/2000	7 . 1 . 0		get it	<i>remarks - this release:</i> 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	current version: 7.11.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-29	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-30	1 . 0 . 0			remarks - general:
	smg-30 bis 06/12/1999	7 . 0 . 1	get it		remarks - this release:
	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	current version: 7.4.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-29	G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-30 bis 06/12/1999	7 . 0 . 1	get it		remarks - general:
	smg-31 bis 17/04/2000	7 . 1 . 0	get it		remarks - this release:
	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	current version: 7.1.1	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL Kommunikations-Elektronik GmbH	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-28 12/02/1999	7 . 0 . 0	get it		remarks - general:
	ETSI PE 25/05/1999	7 . 0 . 1	get it		remarks - this release: #28: 7.0.0 #29: 7.1.0
	smg-29 25/06/1999	7 . 1 . 0	get it		
	ETSI publication 05/09/2000	7 . 1 . 1	get it		

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TS 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	G: yes U:	MCC:	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:</i> #28: 7.0.0	
	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	G: yes U:	MCC:	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	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:</i>					

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TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
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:	MÜNNING, Dirk DETECON GMBH
	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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TS 04.69	Broadcast Call Control (BCC) protocol					
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	smg-30 11/11/1999			get it	remarks - this release:	
	NP-07 15/03/2000			get it		

TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification					
R98	current version: 7.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29	G: yes U:		MCC:	Peter Skov THOMASEN, Gert	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	Was SMG2 till TSG#6; MCC expt changed from Al Bakri Jan 2000.
	smg-29 25/06/1999			get it	remarks - this release:	
	smg-30 bis 15/12/1999			get it		
	smg-32 28/06/2000			get it		
	GP-05 18/06/2001			get it		
	GP-07 08/01/2002			get it		
	GP-10 22/07/2002			get it		

TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	ETSI publication 30/10/2001			get it	remarks - this release:	#27: for info #28: 7.0.0

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	NP-06 15/12/1999			get it	remarks - this release:	
	NP-07 15/03/2000			get it		
	NP-08 21/06/2000			get it		
	NP-09 28/09/2000			get it		

G = required in systems with GERAN 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 04.81	Line Identification Supplementary Services; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-29	25/06/1999	7	. 0	. 0		
Publication	12/01/2000	7	. 0	. 1		
		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	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-28	12/02/1999	7	. 0	. 0		
<to be defined>	14/12/1999	7	. 0	. 2		
		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	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-29	25/06/1999	7	. 0	. 0		
Publication	12/01/2000	7	. 0	. 1		
		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	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		
ETSI Publication	12/01/2000	7	. 0	. 1		
		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	WG (prime / other):	N4 / -	rapporteur:	VACANT,	
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-29	25/06/1999	7	. 0	. 0		
		get it		remarks - general:		
				remarks - this release: #29: 7.0.0		

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

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Server ACTIVE specs R98 04 .- series
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TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat
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 04.87 User-to-User Signalling (UUS) Supplementary Service; Stage 3

R98 *current version:* 7.0.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat
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 16/12/1999 7 . 0 . 2 [get it](#) *remarks - this release:* #28: 7.0.0

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R98 *current version:* 7.0.0 *WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom
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 04.90 Unstructured Supplementary Service Data (USSD)

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat
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 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R98 *current version:* 7.0.1 *WG (prime / other):* N4 / - *rapporteur:* DZUBAN, Stanislav 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

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Server ACTIVE specs R98 04 .- series
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:* HÄMÄLÄINEN, Pekka Telefon AB LM Ericsson
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:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

R98 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
smg-30 11/11/1999 7 . 1 . 0
GP-07 04/01/2002 7 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

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

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

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R98 current version: 7.7.0

freeze_meeting: smg-29

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

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

[get it](#) remarks - general:

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

[get it](#)

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TS 05.03 Channel coding

R98 current version: 7.3.1

freeze_meeting: smg-29

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

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

[get it](#) remarks - general:

[get it](#) remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0

[get it](#)

[get it](#)

[get it](#)

TS 05.04 Modulation

R98 current version: 7.3.0

freeze_meeting: smg-29

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 20/06/2000 7 . 0 . 1

smg-30 bis 06/12/1999 7 . 1 . 0

ETSI publication 20/06/2000 7 . 1 . 1

GP-03 15/02/2001 7 . 2 . 0

GP-05 29/06/2001 7 . 3 . 0

[get it](#) remarks - general:

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

[get it](#)

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[get it](#)

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R98 *current version: 7.8.0*

freeze_meeting: smg-29

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

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

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

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

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

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TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*

freeze_meeting: smg-29

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

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

VODAFONE Group Plc

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

remarks - general:

remarks - this release:

[get it](#)

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TS 05.09	Link adaptation					
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-29		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	smg-28 12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 24/06/1999	7 . 0 . 1	get it	<i>remarks - this release:</i>		
	ETSI publication 16/12/1999	7 . 0 . 2	get it			
	smg-30 11/11/1999	7 . 1 . 0	get it			
	smg-31 16/02/1999	7 . 2 . 0	get it			
	ETSI publication 05/10/2000	7 . 2 . 1	get it			
	smg-32 28/06/2000	7 . 3 . 0	get it			
	GP-02 01/09/2000	7 . 4 . 0	get it			
	GP-03 15/02/2001	7 . 5 . 0	get it			
	remove revision 31/07/2001	7 . 5 . 1	get it			
	marks					
	GP-06 01/10/2001	7 . 6 . 0	get it			
	GP-07 04/01/2002	7 . 7 . 0	get it			
TS 05.10	Radio subsystem synchronization					
R98	<i>current version:</i> 7.4.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri	NOKIA MOBILE PHONES		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i> GERAN#2:7.4.0		
	ETSI publication 14/12/1999	7 . 1 . 1	get it			
	smg-30 11/11/1999	7 . 2 . 0	get it			
	smg-31 bis 17/04/2000	7 . 3 . 0	get it			
	ETSI publication 17/10/2000	7 . 3 . 1	get it			
	GP-02 24/11/2000	7 . 4 . 0	get it			
TS 05.14	Release independent frequency bands; Implementation guidelines					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> KANGAS, Antti	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	GP-02 05/01/2001	7 . 0 . 0	get it	<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
	GP-05 29/06/2001	7 . 1 . 0	get it	<i>remarks - this release:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.		
Changed from G2 to G1 at same time.						
	GP-10 19/07/2002	7 . 2 . 0	get it	GERAN#2:7.0.0		

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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	CTS-FP Radio Sub-system				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
	<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> #28: 7.0.0 #29: 7.1.0		
	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	ETSI Secretariat	
	<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:</i> 7.0.2								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 7 . 0 . 0								
	ETSI Publication 14/12/1999 7 . 0 . 2								
						get it	<i>remarks - general:</i>		
						get it	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>									
TS 06.02	Half Rate Speech Processing Functions								
R98	<i>current version:</i> 7.0.2								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 7 . 0 . 0								
	ETSI Publication 14/12/1999 7 . 0 . 2								
						get it	<i>remarks - general:</i>		
						get it	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>									
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec								
R98	<i>current version:</i> 7.0.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0								
	ETSI Publication 20/01/2000 7 . 0 . 1								
						get it	<i>remarks - general:</i>		
						get it	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>									
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec								
R98	<i>current version:</i> 7.0.1								
	<i>freeze_meeting:</i> smg-29								
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0								
	ETSI Publication 20/01/2000 7 . 0 . 1								
						get it	<i>remarks - general:</i>		
						get it	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>									
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec								
R98	<i>current version:</i> 7.0.0								
	<i>freeze_meeting:</i> smg-29								
	<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	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors	
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-28 12/02/1999			get it	remarks - general:		
	ETSI OAP 28/07/1999			get it	remarks - this release:		
	ETSI publication 14/12/1999			get it			
	inclusion of zip			get it			
	files						
	inclusion of doc			get it			
	file (!)						
	smg-32 20/06/2000			get it			
	SP-12 29/06/2001			get it			
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels						
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-29 25/06/1999			get it	remarks - general:		
	ETSI Publication 29/12/1999			get it	remarks - this release: #29: 7.0.0		
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels						
R98	current version: 7.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.	
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-29 25/06/1999			get it	remarks - general:		
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0		
	SP-12 29/06/2001			get it			
TS 06.20	Half Rate Speech Transcoding						
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-29 25/06/1999			get it	remarks - general:		
	ETSI publication 17/01/2000			get it	remarks - this release: #29: 7.0.0		

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999		7 . 0 . 0	get it	remarks - general:				
	ETSI publication 17/01/2000		7 . 0 . 1	get it	remarks - this release: #29: 7.0.0				
<hr/>									
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999		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 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999		7 . 0 . 0	get it	remarks - general:				
	ETSI Publication 12/01/2000		7 . 0 . 1	get it	remarks - this release: #29: 7.0.0				
<hr/>									
TS 06.32	Voice Activity Detection (VAD)								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999		7 . 0 . 0	get it	remarks - general:				
	ETSI Publication 13/01/2000		7 . 0 . 1	get it	remarks - this release: #29: 7.0.0				
<hr/>									
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	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				

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul				Indicate persons who left Company and wait for new One
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999					get it	remarks - general:		
	ETSI Publication 20/01/2000					get it	remarks - this release: #29: 7.0.0		
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari				NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-28 12/02/1999					get it	remarks - general:		
	smg-29 25/06/1999					get it	remarks - this release: #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0		
	smg-32 20/06/2000					get it			
	ETSI publication 30/11/2000					get it			
	SP-10 20/12/2000					get it			
TS 06.53	ANSI-C code for the GSM Enhanced full rate speech codec								
R98	current version: 7.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari				NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999					get it	remarks - general:		
	ETSI Publication 12/01/2000					get it	remarks - this release: #29: 7.0.0		
TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)								
R98	current version: 7.2.0	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari				NOKIA Corporation
	freeze_meeting: smg-29	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-29 25/06/1999					get it	remarks - general:		
	ETSI publication 12/01/2000					get it	remarks - this release: #29: 7.0.0 #32:7.1.0 TSG#10:7.2.0		
	SP-10 20/12/2000					get it			

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http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R98	<i>current version: 7.0.0</i>	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
R98	<i>current version: 7.0.2</i>	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	<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	remarks - general:	
	ETSI Publication 13/12/1999 7 . 0 . 2			get it	remarks - this release: #28: 7.0.0	
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R98	<i>current version: 7.0.1</i>	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI Publication 12/01/2000 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R98	<i>current version: 7.0.1</i>	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation
	<i>freeze_meeting: smg-29</i>	G: yes U:		MCC:	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general:	
	ETSI Publication 12/01/2000 7 . 0 . 1			get it	remarks - this release: #29: 7.0.0	
<hr/>						
TS 06.71	Adaptive Multi-Rate speech processing functions; General description					
R98	<i>current version: 7.0.2</i>	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	<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	remarks - general: SMG11->S4 at SMG#30	
	ETSI Publication 16/12/1999 7 . 0 . 2			get it	remarks - this release: #28: 7.0.0	

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.73	Adaptive Multi Rate (AMR) speech; ANSI-C code for the AMR speech codec						
R98	current version: 7.6.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	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	ETSI Secretariat	
	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	ETSI Secretariat
	<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					

TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	#29: 7.0.0 #30: 7.1.0
	ETSI Publication 09/05/2000 7 . 1 . 1			get it		

TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	ETSI Publication 12/01/2000 7 . 0 . 1			get it	<i>remarks - this release:</i>	#29: 7.0.0

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	ETSI Secretariat
	<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 ETSI Secretariat
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 ETSI Secretariat
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 ETSI Secretariat
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 ETSI Secretariat
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](#)

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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 ETSI Secretariat
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:* #27: 7.0.0 #28: 7.1.0
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

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Server ACTIVE specs R98 07 .- series
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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: #28: 7.0.0*

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 (TE-MS) multiplexer protocol

R98 *current version: 7.2.0* WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 26/03/2002 7 . 2 . 0 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R98 *current version: 7.2.0* WG (prime / other): N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
NP-05 08/10/1999 7 . 1 . 0 [get it](#) *remarks - this release: #29: 7.0.0 TSG#5: 7.1.0 TSG#11:7.2.0*
NP-11 04/04/2001 7 . 2 . 0 [get it](#)

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

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Server ACTIVE specs R98 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:	
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:	
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:	
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:	

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

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TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
R98	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	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: 7.0.1</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	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: 7.1.0</i>	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting: smg-29</i>				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999	7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>		

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http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
R98	current version: 7.5.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA
	freeze_meeting: smg-29	G: yes U:		MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
smg-30	11/11/1999	7 . 1 . 0		get it	remarks - this release:	
smg-31	16/02/2000	7 . 3 . 0		get it		
ETSI publication	26/05/2000	7 . 3 . 1		get it		
GP-03	31/01/2001	7 . 4 . 0		get it		
GP-05	18/06/2001	7 . 5 . 0		get it		

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
R98	current version: 7.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	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:	
smg-29	25/06/1999	7 . 0 . 1		get it	remarks - this release:	
NP-11	04/04/2001	7 . 1 . 0		get it		

TS 08.31	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification					
R98	current version: 7.1.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29	G: yes U:		MCC:	Peter Skov THOMASEN, Gert	
history (event, available, version,						
smg-30		1 . 0 . 0			remarks - general:	
smg-30 bis	06/12/1999	7 . 0 . 1		get it	remarks - this release:	
GP-05	18/06/2001	7 . 1 . 0		get it		

TS 08.51	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface General Aspects					
R98	current version: 7.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29	G: yes U:		MCC:	Peter Skov THOMASEN, Gert	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	remarks - general:	
					remarks - this release:	

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http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<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> <i>remarks - this release:</i>			
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<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> <i>remarks - this release:</i>			
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R98	<i>current version:</i> 7.0.0 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<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> <i>remarks - this release:</i>			
<hr/>						
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
R98	<i>current version:</i> 7.4.1 <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
		<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 smg-29 25/06/1999 7 . 1 . 0 smg-30 11/11/1999 7 . 2 . 0 smg-31 16/02/2000 7 . 4 . 0 ETSI Publication 26/05/2000 7 . 4 . 1	get it get it get it get it	<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0			

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

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http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels					
R98	current version: 7.3.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
history (event, available, version,						
smg-29	25/06/2000	7	. 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-30	11/11/1999	7	. 1 . 0	get it	remarks - this release:	
smg-30 bis	06/12/1999	7	. 2 . 0	get it		
ETSI publication	07/09/2000	7	. 2 . 1	get it		
GP-08	19/02/2002	7	. 3 . 0	get it		

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels					
R98	current version: 7.3.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
history (event, available, version,						
smg-29	25/06/1999	7	. 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-30	11/11/1999	7	. 1 . 0	get it	remarks - this release:	
smg-30 bis	06/12/1999	7	. 2 . 0	get it		
Edito	15/12/1999	7	. 2 . 1	get it		
GP-08	19/02/2002	7	. 3 . 0	get it		

TS 08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3					
R98	current version: 7.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat
	freeze_meeting: smg-29	G: yes	U:	MCC:	USAI, Paolino	
history (event, available, version,						
smg-28	12/02/1999	7	. 0 . 0	get it	remarks - general:	SMG11->S4 at SMG#30
SP-07	15/03/1999	7	. 1 . 0	get it	remarks - this release:	#28: 7.0.0 TSG#7: 7.1.0
edito	09/08/2000	7	. 1 . 1	get it		

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.71	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3				
R98	<i>current version:</i> 7.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> smg-29		Peter Skov		
		<i>G:</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> VACANT,		
	<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> #29: 7.0.0	

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Server ACTIVE specs R98 09 .- series
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TS 09.02 Mobile Application Part (MAP) Specification

R98 current version: 7.11.0 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
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	13/12/1999	7	.	3	.	0
NP-07	15/03/2000	7	.	4	.	0
NP-08	21/06/2000	7	.	5	.	0
edito	04/09/2000	7	.	5	.	1
NP-09	08/11/2000	7	.	6	.	0
NP-10	21/12/2000	7	.	7	.	0
NP-11	06/04/2001	7	.	8	.	0
NP-12	06/07/2001	7	.	9	.	0
NP-14	18/01/2002	7	.	10	.	0
NP-15	04/04/2002	7	.	11	.	0

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
[get it](#) remarks - this release:
[get it](#)
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TS 09.03 Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile

R98 current version: Network (PLMN) 7.0.0 WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David
ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

freeze_meeting: smg-29

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".
[get it](#) remarks - this release: #29: 7.0.0

TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R98 current version: 7.0.0 WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".
[get it](#) remarks - this release: #29: 7.0.0

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TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
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
<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	current version: Switched Data Transmission Services	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
<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	current version: Network (PSTN)	7.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-29	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 7 . 0 . 0 smg-28 12/02/1999 7 . 1 . 0 smg-29 25/06/1999 7 . 1 . 1 NP-06 15/12/1999 7 . 2 . 0						get it	remarks - general:	
								remarks - this release:	#27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0
							get it		
							get it		
							get it		
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND, Ericsson Incorporated				
	freeze_meeting: smg-29	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0 smg-30 11/11/1999 7 . 1 . 0 NP-06 13/12/1999 7 . 2 . 0						get it	remarks - general:	
								remarks - this release:	#29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0
							get it		
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							get it		
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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)* 7.2.0WG (prime / other): N4 / - rapporteur: VACANT,
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](#)

TS 09.11 Signalling Interworking for Supplementary Services

R98 *current version: 7.0.1* WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom
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*

TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R98 *current version: 7.0.0* WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mmO2 plc
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:

TS 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling

R98 *current version: 7.0.2* WG (prime / other): SPA / N4 rapporteur: SPORTON, Simon VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: MCC:
history (event, available, version,
SPS approval 30/06/1999 7 . 0 . 1 [get it](#) *remarks - general: EN 302 646*
ETSI publication 26/09/2000 7 . 0 . 2 [get it](#) *remarks - this release: (SPAN1)*

TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification

R98 *current version: 7.0.1* WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

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

3GPP specification status

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification
R98 *current version: 7.5.0* WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0	get it <i>remarks - general:</i>
smg-29	25/06/1999	7	.	1	.	0	get it <i>remarks - this release:</i>
NP-05	08/10/1999	7	.	2	.	0	get it
NP-07	15/03/2000	7	.	3	.	0	get it
NP-13	02/10/2001	7	.	4	.	0	get it
NP-14	04/01/2002	7	.	5	.	0	get it

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)
R98 *current version: 7.7.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-30 bis	06/12/1999	7	.	0	.	0	get it <i>remarks - general:</i>
smg-31	16/02/2000	7	.	1	.	0	get it <i>remarks - this release:</i>
smg-31b	17/04/2000	7	.	2	.	0	get it
smg-32	28/06/2000	7	.	3	.	0	get it
GP-01	11/10/2000	7	.	4	.	0	get it
ETSI publication		7	.	4	.	1	ETSI format only. Not for 3GPP use.
GP-06	18/09/2001	7	.	5	.	0	get it
GP-07	08/01/2002	7	.	6	.	0	get it
GP-10	19/07/2002	7	.	7	.	0	get it

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

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol GPT) across the Gn and Gp Interface					
R98	current version: 7.9.0	WG (prime / other):	N4 / -	rapporteur:	YOUNG, Michael	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:	
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release:	
	NP-05 08/10/1999	7 . 2 . 0		get it		
	NP-06 15/12/1999	7 . 3 . 0		get it		
	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		

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)					
R98	current version: 7.7.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	smg-28 12/02/1999	7 . 0 . 0		get it	remarks - general:	
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release:	
	NP-06 15/12/1999	7 . 2 . 0		get it		
	NP-11 04/04/2001	7 . 3 . 0		get it		
	NP-13 12/10/2001	7 . 4 . 0		get it		
	NP-14 14/01/2002	7 . 5 . 0		get it		
	NP-15 20/03/2002	7 . 6 . 0		get it		
	NP-16 02/07/2002	7 . 7 . 0		get it		

TS 09.78	CAMEL Application Part phase 2 (stage 3)					
R98	current version: 7.1.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson
	freeze_meeting: smg-29	G: yes U:		MCC:	JURISIC, Andrijana	
	history (event, available, version,					
	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - general:	
	NP-08 21/06/2000	7 . 1 . 0		get it	remarks - this release:	

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Server ACTIVE specs R98 09 .- series
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: tbd	WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, NP-16 26/06/2002 7 . 0 . 0	G: yes U:	MCC: JORGENSEN, Per Johan			
		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 Peter Skov	MOTOROLA A/S		
	history (event, available, version, GP-04 20/04/2001 7 . 0 . 0 GP-07 04/01/2002 7 . 1 . 0 GP-08 19/02/2002 7 . 2 . 0	G: yes U:	MCC: USAI, Paolino			
		get it	remarks - general: remarks - this release:			

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 SULTAN, Alain	ETSI Secretariat		
	history (event, available, version, smg-27 16/10/1998 7 . 1 . 0	G: yes U:	MCC: SULTAN, Alain			
		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 SULTAN, Alain	ALCATEL S.A.		
	history (event, available, version, draft 28/08/1998 2 . 0 . 1 smg-27 09/02/2000 7 . 0 . 0	G: yes U:	MCC: SULTAN, Alain			
		get it	remarks - general: remarks - this release:			

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

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Server ACTIVE specs R98 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	<i>remarks - general:</i>
smg-28	12/02/1999	0	.	2	.	0	get it	<i>remarks - this release:</i>
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 / NP / T2 / SCP / G4 *rapporteur:* SALMERON, Lidia ETSI Secretariat

freeze_meeting: smg-29

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0	get it	<i>remarks - general:</i> R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-30	11/11/1999	7	.	1	.	0	get it	<i>remarks - this release:</i> #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.
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	

replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

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

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R98 *current version: 7.7.0* WG (prime / other): T3 / - rapporteur: GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-26	26/06/1998	7	.	0	.	0	get it	<i>remarks - general:</i>
smg-27	16/10/1998	7	.	1	.	0	get it	<i>remarks - this release:</i>
smg-28	12/02/1999	7	.	2	.	0	get it	
smg-29	25/06/1999	7	.	3	.	0	get it	
smg-30	11/11/1999	7	.	4	.	0	get it	
smg-31	16/02/2000	7	.	5	.	0	get it	
smg-32	28/06/2000	7	.	6	.	0	get it	
edito	24/07/2000	7	.	6	.	1	get it	
TP-14	17/01/2002	7	.	7	.	0	get it	

TS 11.13 Test specification for SIM API for Java card

R98 *current version: 7.4.1* 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	<i>remarks - general:</i>
TP-11	16/05/2001	7	.	0	.	0	get it	<i>remarks - this release:</i>
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

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

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14	Specification of the SIM Application Toolkit for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
R98	<i>current version:</i> 7.7.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd				
	<i>freeze_meeting:</i> smg-29		<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-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:</i> 7.0.2		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	ASPECTS Software Ltd				
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
	<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>				

TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface								
R98	<i>current version:</i> 7.0.1		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> LINDHOLM, Rune	NOKIA MOBILE PHONES				
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	1 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>				
	ETSI Publication 17/08/1999	7 . 0 . 1		get it					

TS 11.19	CTS SIM Fixed Part								
R98	<i>current version:</i> 7.0.3		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> HUBBE, Pascal	Alcatel Business Systems				
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i>				
	ETSI Publication 05/09/2000	7 . 0 . 3		get it	<i>remarks - this release: #28: 7.0.0</i>				

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

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Server ACTIVE specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 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: NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
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:

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

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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.		

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

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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,
draft 22/09/1999 0 . 0 . 1 [get it](#) *remarks - general:* TSG#11:S5 will no longer maintain.
draft 18/10/1999 0 . 0 . 2 [get it](#) *remarks - this release:* Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
draft 03/12/1999 0 . 0 . 3 [get it](#)
draft 22/12/1999 0 . 0 . 4 [get it](#)
draft 17/01/2000 0 . 0 . 5 [get it](#)
draft 22/05/2000 2 . 0 . 0 [get it](#)
draft 25/05/2000 2 . 0 . 1 [get it](#)
SP-08 21/06/2000 7 . 0 . 0 [get it](#)
ETSI Publication 30/11/2000 7 . 0 . 1 [get it](#)

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 12/01/2001 6 . 0 . 0 [get it](#) *remarks - general:*
edito 16/01/2001 6 . 0 . 1 [get it](#) *remarks - this release:*

WG (prime / other): S1 / GP / *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
NP
G: yes U: *MCC:* CLAYTON, Michael

TR 01.04 Abbreviations and acronyms

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 15/11/2000 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael ETSI Secretariat
G: yes U: *MCC:* USAI, Paolino

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

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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	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRAETZ, Ingeborg		SIEMENS AG
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-27 01/12/2000 6 . 0 . 0			get it <i>remarks - general:</i>		
	edito 16/01/2001 6 . 0 . 1			get it <i>remarks - this release:</i>		
<hr/>						
TR 01.60	GPRS requirements					
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		ETSI Secretariat
	<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>		
				<i>remarks - this release:</i>		
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael		VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice		
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0			get it <i>remarks - general:</i>		
	Editorial correction 20/03/1998 6 . 0 . 1			get it <i>remarks - this release:</i>		
<hr/>						

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)					
R97	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it <i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 1 . 0			get it <i>remarks - this release:</i>		
	smg-29 26/06/1999 6 . 2 . 0			get it		
<hr/>						

G = required in systems with GERAN acces; 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 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)						
R97	current version: 6.1.1	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited	
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:		
smg-28	12/02/1999	6 . 1 . 0		get it	remarks - this release:		
Editorial correction	12/02/1999	6 . 1 . 1		get it			

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)						
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:		
					remarks - this release:		

TS 02.04	General on Supplementary Services						
R97	current version: 6.1.1	WG (prime / other):	S1 / -	rapporteur:	CARPENTER, Paul	Research In Motion Limited	
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-25	20/03/1998	6 . 0 . 0		get it	remarks - general:		
smg-28	12/02/1999	6 . 1 . 0		get it	remarks - this release:		
smg-29	25/06/1999	6 . 1 . 1		get it			

TS 02.06	Types of Mobile Stations (MS)						
R97	current version: 6.1.1	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc	
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,							
smg-27	16/10/1999	6 . 0 . 0		get it	remarks - general:		
ETSI publication	26/05/1999	6 . 0 . 1		get it	remarks - this release:		
smg-28	12/02/1999	6 . 1 . 0		get it			
ETSI publication	04/08/1999	6 . 1 . 1		get it			

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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	current version: 6.0.0	WG (prime / other):	S1 / NP	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
TS 02.41	Operator Determined Barring					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	...,	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	DIETZE, Claus	
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0			get it	remarks - general: SMG9->T3@#31	
					remarks - this release:	
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R97	current version: none	WG (prime / other):	S4 /	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: SMG11->S4 at SMG#30	
					remarks - this release: 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 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0
ETSI publication 01/12/1998 6 . 1 . 1 [get it](#)
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 2 . 1 [get it](#)
SP-05 14/10/1999 6 . 3 . 0 [get it](#)
ETSI publication 28/11/2000 6 . 3 . 1 [get it](#)

TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97 *current version:* 6.0.0 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/09/1999 6 . 0 . 1 [get it](#) *remarks - this release:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#)
Editorial correction 25/07/1999 6 . 1 . 1 [get it](#)

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
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

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	GILES, Les	Union Internationale des Chemins de Fer
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R97	current version: 6.6.1	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release:		
	smg-28 12/02/1999 6 . 2 . 0	get it				
	smg-29 25/06/1999 6 . 3 . 0	get it				
	SP-05 14/10/1999 6 . 4 . 0	get it				
	SP-10 12/01/2001 6 . 5 . 0	get it				
	SP-14 14/01/2002 6 . 6 . 0	get it				
	SP-14 minor 17/01/2002 6 . 6 . 1	get it				
	correction					
<hr/>						
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	FREY, Sophie	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 02.81	Line Identification Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				get it	remarks - general: remarks - this release: #27: 6.0.0	
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TS 02.84	MultiParty (MPY) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				get it	remarks - general: remarks - this release: #27: 6.0.0	
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0					
				get it	remarks - general: remarks - this release: #27: 6.0.0	

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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	WG (prime / other):	S1 / -	rapporteur:	CONRAD, Alan	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
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TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<hr/>						
TS 02.91	Explicit Call Transfer (ECT)					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
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TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0					
	Editorial correction 20/04/1998 6 . 0 . 1					
		get it		remarks - general:		
		get it		remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.0.1		
<hr/>						
TS 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 15/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		

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TS 02.96 Name Identification Supplementary Services; Stage 1

R97 *current version:* 6.0.1 *WG (prime / other):* S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-26 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0 (5.0.0 withdrawn) #27: 6.0.1

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* SULTAN, Alain
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #27: 6.0.0 #28: 6.1.0

TS 03.02 Network Architecture

R97 *current version:* 6.1.0 *WG (prime / other):* S2 / NP / T2 *rapporteur:* SULTAN, Alain ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* SULTAN, Alain
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:* #25: 6.0.0 #26: 6.1.0

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.7.0 *WG (prime / other):* N4 / T2 *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
NP-05 14/10/1999 6 . 4 . 0 [get it](#)
NP-07 17/03/2000 6 . 5 . 0 [get it](#)
NP-08 28/06/2000 6 . 6 . 0 [get it](#)
NP-16 26/06/2002 6 . 7 . 0 SA did not approve companion CRs to [get it](#)
02.16.

TR 03.05 Technical performance objectives

R97 *current version:* 6.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.07 Restoration Procedures

R97 *current version:* 6.2.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 6 . 2 . 0 [get it](#)

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

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.08	Organization of Subscriber Data						
R97	current version: 6.5.0	WG (prime / other):	N4 / -	rapporteur:	BAUER, Rolf	ALCATEL SEL AG	
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	smg-25 20/03/1998	6 . 0 . 0		get it	remarks - general:		
	smg-26 26/06/1998	6 . 1 . 0		get it	remarks - this release:		
	smg-27 16/10/1998	6 . 2 . 0		get it			
	smg-28 12/02/1999	6 . 3 . 0		get it			
	NP-07 15/03/2000	6 . 4 . 0		get it			
	NP-09 31/10/2000	6 . 5 . 0		get it			
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		get it	remarks - general:		
	Editorial correction 16/11/1998	6 . 0 . 1		get it	remarks - this release: #27: 6.0.0		

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures								
R97	current version: 6.0.0		WG (prime / other): N4 / -	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB				
	freeze_meeting: smg-26		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0								
			get it	remarks - general:					
				remarks - this release: #27: 6.0.0					
<hr/>									
TS 03.13	Discontinuous Reception (DRX) in the GSM System								
R97	current version: 6.0.0		WG (prime / other): G1 / -	rapporteur: USAI, Paolino	ETSI Secretariat				
	freeze_meeting: smg-26		G: yes U:	MCC: USAI, Paolino					
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0								
			get it	remarks - general:					
				remarks - this release: #27: 6.0.0					
<hr/>									
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System								
R97	current version: 6.0.0		WG (prime / other): N1 / -	rapporteur: ZAUS, Robert	SIEMENS AG				
	freeze_meeting: smg-26		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0								
			get it	remarks - general:					
				remarks - this release: #27: 6.0.0					
<hr/>									
TS 03.15	Technical Realization of Operator Determined Barring								
R97	current version: 6.1.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD				
	freeze_meeting: smg-26		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	smg-26 26/06/1998 6 . 0 . 0								
	smg-29 25/06/1999 6 . 1 . 0								
			get it	remarks - general:					
			get it	remarks - this release: #26: 6.0.0 SMG#29: 6.1.0					

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Server ACTIVE specs R97 03 .- series
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TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze_meeting: smg-26

WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG

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

smg-29 25/06/1999 6 . 4 . 0

NP-09 13/10/2000 6 . 5 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze_meeting: smg-26

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: 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

smg-29 25/06/1999 6 . 4 . 0

NP-05 13/10/1999 6 . 5 . 0

NP-07 17/03/2000 6 . 6 . 0

NP-09 04/10/2000 6 . 7 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze_meeting: smg-26

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom

G: yes U: MCC: POPE, Maurice

history (event, available, version,

smg-25 20/03/1998 6 . 0 . 0

smg-29 25/06/1999 6 . 1 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release: #32:6.2.0 - evidently not!

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Server ACTIVE specs R97 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					
R97	current version: 6.3.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26				Peter Skov	
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino	
	smg-26 26/06/1998					
	smg-28 12/02/1999	get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and		
	smg-29 26/06/1999	get it	remarks - this release:	group receive mode".		
	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				Peter Skov	
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino	
	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	ETSI Secretariat
	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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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.38 Alphabets and language-specific information

R97 *current version:* 6.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R97 *current version:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
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

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 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R97	current version: 6.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	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	ETSI Secretariat			
	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					

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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	ETSI Secretariat	
	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	ETSI Secretariat	
	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)

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

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.10.1 *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	

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 acces; U = required in systems with UMTS

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2						
R97	current version: 6.4.0	WG (prime / other):	G1 / -	rapporteur:	LEPPISAARI, Arto	NOKIA Corporation	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
history (event, available, version,							
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:			
smg-26	26/06/1998	6 . 0 . 1	get it	remarks - this release:			
smg-27	16/10/1998	6 . 1 . 0	get it				
ETSI OAP	27/05/2000	6 . 1 . 1	get it				
smg-28	12/02/1999	6 . 2 . 0	get it				
smg-29	25/06/1999	6 . 3 . 0	get it				
smg-30	11/11/1999	6 . 4 . 0	get it				

TS 03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2						
R97	current version: 6.1.0	WG (prime / other):	N4 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH	
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,							
smg-27	16/10/1998	6 . 0 . 0	get it	remarks - general:			
NP-07	17/03/2000	6 . 1 . 0	get it	remarks - this release:			

TS 03.68	Voice Group Call Service (VGCS); Stage 2						
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan		
history (event, available, version,							
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:			
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0			
smg post SP-07	30/10/1998	6 . 2 . 0	get it				
NP-09	12/10/2000	6 . 3 . 0	get it				

TS 03.69	Voice Broadcast service (VBS); Stage 2						
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	MÜNNING, Dirk	DETECON GMBH	
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan		
history (event, available, version,							
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:			
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0			
smg post SP-07	30/03/2000	6 . 2 . 0	get it				
NP-09	12/10/2000	6 . 3 . 0	get it				

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

3GPP specification status

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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](#)

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.81	Line Identification Supplementary Services; Stage 2				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: VACANT,		
	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 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: POTHS, Annette		Indicate persons who left Company and wait for new One
	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:
	smg-29 25/06/1999 6 . 1 . 0			get it	remarks - this release: #27: 6.0.0 #29: 6.1.0
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain		NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen		T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo		
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general: remarks - this release: #27: 6.0.0
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: VACANT,		
	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

3GPP specification status

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #27: 6.0.0*

TS 03.88 Call Barring (CB) supplementary services; Stage 2

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:* HAMEL, Eric France Telecom
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.90 Unstructured Supplementary Service Data (USSD)

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:* CHOTAI, Sunil mmO2 plc
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

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:* DZUBAN, Stanislav SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2

R97 *current version:* 6.2.0
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

WG (prime / other): N4 / - *rapporteur:* HÄMÄLÄINEN, Pekka Telefon AB LM Ericsson
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*
[get it](#)

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

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Server ACTIVE specs R97 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.96 Name Identification Supplementary Services; Stage 2

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #24: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)

R97 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.04	Layer 1 - General Requirements					
R97	current version: 6.0.0	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release:		
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R97	current version: 6.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov THOMASEN, Gert	
	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:		
<hr/>						
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
R97	current version: 6.2.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-26	G: yes U:		MCC:	Peter Skov THOMASEN, Gert	
	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				
	ETSI publication 14/12/1999 6 . 1 . 1	get it				
	smg-31 16/02/2000 6 . 2 . 0	get it				
	ETSI publication 29/09/2000 6 . 2 . 1	get it				

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

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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
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>
smg-27	16/10/1998	6 . 2 . 0	get it	
ETSI publication	04/12/1998	6 . 2 . 1	get it	
smg-28	12/02/1999	6 . 3 . 0	get it	
smg-29	25/06/1999	6 . 4 . 0	get it	
NP-05	13/10/1999	6 . 5 . 0	get it	
Editorial correction	13/11/1999	6 . 5 . 1	get it	

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

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

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.18.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	6 . 0 . 0	
smg-26 26/06/1998	6 . 1 . 0	get it
edito 08/09/1998	6 . 1 . 1	get it
smg-27 16/10/1998	6 . 2 . 0	get it
ETSI publication 13/04/1999	6 . 2 . 1	get it
smg-28 12/02/1999	6 . 3 . 0	get it
ETSI publication 25/08/1999	6 . 3 . 1	get it
smg-29 25/06/1999	6 . 4 . 0	get it
edito 23/07/1999	6 . 4 . 1	get it
ETSI OAP 11/08/1999	6 . 4 . 2	get it
ETSI publication 29/12/1999	6 . 4 . 3	get it
NP-05 08/10/1999	6 . 5 . 0	get it
smg-30 bis 06/12/1999	6 . 6 . 0	get it
NP-06 15/12/1999	6 . 7 . 0	get it
ETSI publication 05/07/2000	6 . 7 . 1	get it
smg-31 16/02/2000	6 . 8 . 0	get it
NP-07 15/03/2000	6 . 9 . 0	get it
ETSI publication 29/09/2000	6 . 9 . 1	get it
smg-31 bis 17/04/2000	6 . 10 . 0	get it
smg-32 21/06/2000	6 . 11 . 0	get it
GP-01/NP-09 12/10/2000	6 . 12 . 0	get it
edito 02/11/2000	6 . 12 . 1	get it
NP-10 02/01/2001	6 . 13 . 0	get it
GP-04 / NP-11 11/04/2001	6 . 14 . 0	get it
NP-12 05/07/2001	6 . 15 . 0	get it
GP-07 04/01/2002	6 . 16 . 0	get it
NP-14 07/01/2002	6 . 17 . 0	get it
GP-08 19/02/2002	6 . 18 . 0	get it

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

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

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

R97 *current version:* 6.0.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
Editorial correction 20/04/1998 6 . 0 . 1
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G: yes U:

MCC:

KYMALAINEN, Kimmo

TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

R97 *current version:* 6.1.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
Editorial correction 20/04/1998 6 . 0 . 1
NP-09 12/10/2000 6 . 1 . 0
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

G: yes U:

MCC:

JORGENSEN, Per Johan

TS 04.12 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26
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: yes U:

MCC:

THOMASEN, Gert

TS 04.13 Performance Requirements on Mobile Radio Interface

R97 *current version:* 6.0.1 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/10/1998 6 . 0 . 1
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #27: 6.0.0

G: yes U:

MCC:

JORGENSEN, Per Johan

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

3GPP specification status

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R97	current version: 6.3.1	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes U:		MCC:	THOMASEN, Gert				
history (event, available, version,									
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:				
smg-30	11/11/1999	6 . 1 . 0		get it	remarks - this release:				
smg-32	28/06/2000	6 . 2 . 0		get it					
GP-10	19/07/2002	6 . 3 . 0		get it					
post GP-10 edito	23/07/2002	6 . 3 . 1	Misplaced figure, clause 5.3.1.	get it					

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R97	current version: 6.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:				
NP-08	23/06/2000	6 . 1 . 0		get it	remarks - this release: #27: 6.0.0 TSG#8:6.1.0				

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R97	current version: Switching Centre (BSS - MSC) interface	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-26	26/06/1998	6 . 0 . 0		get it	remarks - general:				
smg-27	16/10/1998	6 . 1 . 0		get it	remarks - this release: #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0				
NP-06	17/12/1999	6 . 2 . 0		get it					

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

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R97 *current version:* 6.14.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

draft	20/12/1997	0	.	0	.	0
draft	20/03/1998	1	.	0	.	0
draft	20/03/1998	2	.	0	.	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
ETSI publication	14/06/1999	6	.	3	.	1
smg-29	25/06/1999	6	.	4	.	0
ETSI publication	16/12/1999	6	.	4	.	1
smg-30	11/11/1999	6	.	5	.	0
smg-30 bis	06/12/1999	6	.	6	.	0
ETSI publication	05/07/2000	6	.	6	.	1
smg-31	16/02/2000	6	.	7	.	0
ETSI publication	29/09/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication	17/10/2000	6	.	8	.	1
smg-32	20/06/2000	6	.	9	.	0
GP-01	11/10/2000	6	.	10	.	0
GP-02	27/11/2000	6	.	11	.	0
GP-03	31/01/2001	6	.	12	.	0
GP-04	04/05/2001	6	.	13	.	0
GP-10	19/07/2002	6	.	14	.	0

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

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[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 R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R97	current version: 6.10.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA 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:	
	smg-27 16/10/1998	6 . 2 . 0	get it		
	smg-28 12/02/1999	6 . 3 . 0	get it		
	smg-29 25/06/1999	6 . 4 . 0	get it		
	smg-30 11/11/1999	6 . 5 . 0	get it		
	NP-06 17/12/1999	6 . 6 . 0	get it		
	smg-31 16/02/2000	6 . 7 . 0	get it		
	NP-10 02/01/2001	6 . 8 . 0	get it		
	NP-13 02/10/2001	6 . 9 . 0	get it		
	NP-14 04/01/2002	6 . 10 . 0	get it		

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)				
R97	current version: 6.7.0	WG (prime / other):	N1 / -	rapporteur:	SALKINTZIS, Apostolis MOTOROLA 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:	24.065 existed, but scrapped since 04.65 is GSM only.
	smg-26 26/06/1998	6 . 1 . 0	get it	remarks - this release:	
	smg-27 16/10/1998	6 . 2 . 0	get it		
	smg-28 12/02/1999	6 . 3 . 0	get it		
	smg-29 25/06/1999	6 . 4 . 0	get it		
	smg-30 11/11/1999	6 . 5 . 0	get it		
	NP-06 17/12/1999	6 . 6 . 0	get it		
	smg-31 16/02/2000	6 . 7 . 0	get it		

TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	MÜNNING, Dirk DETECON GMBH
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-27 16/10/1998	6 . 0 . 0	get it	remarks - general:	
	Editorial correction 16/11/1998	6 . 0 . 1	get it	remarks - this release:	#27: 6.0.0

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68	Group Call Control (GCC) Protocol					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
	smg-29 25/06/1998 6 . 1 . 0			get it	remarks - this release:	
	smg-30 11/11/1999 6 . 2 . 0			get it		
	NP-07 17/03/2000 6 . 3 . 0			get it		

TS 04.69	Broadcast Call Control (BCC) protocol					
R97	current version: 6.3.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
	smg-29 25/06/1999 6 . 1 . 0			get it	remarks - this release:	
	smg-30 11/11/1999 6 . 2 . 0			get it		
	NP-07 17/03/2000 6 . 3 . 0			get it		

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0			get it	remarks - general:	
	smg-26 26/06/1998 6 . 1 . 0			get it	remarks - this release:	
	smg-28 12/02/1999 6 . 1 . 1			get it		

TS 04.81	Line Identification Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
	Editorial correction 16/11/1998 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0	

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				Indicate persons who left Company and wait for new One
	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		
<hr/>					
TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				NORTEL NETWORKS (EUROPE)
	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		
<hr/>					
TS 04.84	Multi Party (MPPTY) Supplementary Services; Stage 3				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				T-MOBILE DEUTSCHLAND
	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		
<hr/>					
TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3				
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	smg-27 16/10/1998 6 . 0 . 0				
		get it	remarks - general:		
			remarks - this release: #27: 6.0.0		
<hr/>					
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3				
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				ETSI Secretariat
	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 acces; U = required in systems with UMTS

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Server ACTIVE specs R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.88	Call Barring (CB) Supplementary Services; Stage 3								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric	France Telecom			
	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				
TS 04.90	Unstructured Supplementary Service Data (USSD)								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat			
	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				
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	DZUBAN, Stanislav	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				
TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3								
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	HÄMÄLÄINEN, Pekka	Telefon AB LM Ericsson			
	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					
TS 04.96	Name Identification Supplementary Services; Stage 3								
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	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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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R97 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R97 *current version:* 6.1.1 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 20/04/1998 6 . 1 . 1 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R97 *current version:* 6.10.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-24 19/12/1997 6 . 0 . 0 [get it](#) *remarks - general:*
smg-25 20/03/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-26 26/06/1998 6 . 2 . 0 [get it](#)
smg-27 16/10/1998 6 . 3 . 0 [get it](#)
ETSI publication 09/03/1999 6 . 3 . 1 [get it](#)
smg-28 12/02/1999 6 . 4 . 0 [get it](#)
ETSI publication 04/08/1999 6 . 4 . 1 [get it](#)
smg-29 25/06/1999 6 . 5 . 0 [get it](#)
smg-30 11/11/1999 6 . 6 . 0 [get it](#)
smg-30 bis 06/12/1999 6 . 7 . 0 [get it](#)
ETSI publication 17/07/2000 6 . 7 . 1 [get it](#)
smg-31 16/02/2000 6 . 8 . 0 [get it](#)
ETSI publication 29/09/2000 6 . 8 . 1 [get it](#)
smg-31 bis 17/04/2000 6 . 9 . 0 [get it](#)
ETSI publication 17/10/2000 6 . 9 . 1 [get it](#)
edito 02/05/2001 6 . 9 . 2 [get it](#)
GP-06 01/10/2001 6 . 10 . 0 [get it](#)

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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03 Channel coding

R97 current version: 6.2.1

freeze_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-28 12/02/1999 6 . 2 . 0

ETSI Publication 12/03/1999 6 . 2 . 1

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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0

[get it](#)

[get it](#)

TS 05.04 Modulation

R97 current version: 6.1.1

freeze_meeting: smg-26

history (event, available, version,

smg-27 16/10/1998 6 . 0 . 0

ETSI publication 09/02/1999 6 . 0 . 1

smg-30 bis 06/12/1999 6 . 1 . 0

ETSI publication 20/06/2000 6 . 1 . 1

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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

TS 05.05 Radio Transmission and Reception

R97 current version: 6.8.0

freeze_meeting: smg-26

history (event, available, version,

smg-24 19/12/1997 6 . 0 . 0

smg-25 20/03/1998 6 . 1 . 0

smg-26 26/06/1998 6 . 2 . 0

smg-27 16/10/1998 6 . 3 . 0

ETSI publication 09/03/1999 6 . 3 . 1

smg-28 12/02/1999 6 . 4 . 0

ETSI publication 04/06/1999 6 . 4 . 1

smg-29 25/06/1999 6 . 5 . 0

ETSI publication 14/12/1999 6 . 5 . 1

smg-30 11/11/1999 6 . 6 . 0

smg-31 16/02/2000 6 . 7 . 0

ETSI publication 29/09/2000 6 . 7 . 1

GP-01 09/10/2000 6 . 8 . 0

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

G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:

[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 05.08 Radio Subsystem Link Control

R97 current version: 6.9.0

freeze_meeting: smg-26

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
edito	20/03/1998	6	.	1	.	1
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	04/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
smg-30 bis	06/12/1999	6	.	7	.	0
edito	01/02/2000	6	.	7	.	1
smg-31 bis	17/04/2000	6	.	8	.	0
ETSI publication		6	.	8	.	1
GP-01	10/10/2000	6	.	9	.	0

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

TS 05.10 Radio subsystem synchronization

R97 current version: 6.7.0

freeze_meeting: smg-26

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-24	19/12/1997	6	.	0	.	0
smg-25	20/03/1998	6	.	1	.	0
smg-26	26/06/1998	6	.	2	.	0
smg-27	16/10/1998	6	.	3	.	0
ETSI publication	09/03/1999	6	.	3	.	1
smg-28	12/02/1999	6	.	4	.	0
ETSI publication	04/08/1999	6	.	4	.	1
smg-29	25/06/1999	6	.	5	.	0
ETSI publication	14/12/1999	6	.	5	.	1
smg-30	11/11/1999	6	.	6	.	0
ETSI publication	29/05/2001	6	.	6	.	1
GP-02	24/11/2000	6	.	7	.	0

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

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Server ACTIVE specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R97 *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: 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 ETSI Secretariat
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

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

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release:			
<hr/>							
TS 06.02	Half Rate Speech Processing Functions						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0			
<hr/>							
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0			
<hr/>							
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:			
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0			
<hr/>							
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec						
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:			
				remarks - this release: #27: 6.0.0			

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

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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding						
R97	current version: 6.2.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:		
	smg-32 20/06/2000 6 . 1 . 0			get it	remarks - this release:		
ETSI Publication	30/11/2000 6 . 1 . 1			get it			
SP-12	29/06/2001 6 . 2 . 0			get it			
<hr/>							
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	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 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels						
R97	current version: 6.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:		
ETSI Publication	16/11/1998 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0		
SP-12	29/06/2001 6 . 1 . 0			get it			
<hr/>							
TS 06.20	Half Rate Speech Transcoding						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:		
Editorial correction	16/11/1998 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0		
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TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels						
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd	
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino		
	history (event, available, version,						
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:		
ETSI Publication	16/11/1998 6 . 0 . 1			get it	remarks - this release: #27: 6.0.0		

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					get it	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					get it	remarks - this release: #27: 6.0.0	
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					get it	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					get it	remarks - this release: #27: 6.0.0	
TS 06.32	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	
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	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0					get it	remarks - general:	
	ETSI Publication 16/11/1998	6 . 0 . 1					get it	remarks - this release: #27: 6.0.0	
TS 06.42	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				

TS 06.53	ANSI-C code for the GSM Enhanced full rate 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: #27: 6.0.0		

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: #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0		
	smg-32 20/06/2000 6 . 1 . 0	get it				
	SP-10 20/12/2000 6 . 2 . 0	get it				

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R97	current version: 6.0.0	WG (prime / other):	S4 / -	rapporteur:	SALEM, Tarek	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
				remarks - this release: #27: 6.0.0		

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.60	Enhanced full rate speech transcoding								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 04/06/1999						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								
TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
R97	current version: 6.1.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	smg-30 11/11/1999						get it	remarks - this release: #27: 6.0.0 #30: 6.1.0	
	ETSI Publication 09/05/2000						get it		
	6 . 0 . 0								
	6 . 1 . 0								
	6 . 1 . 1								
TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	JÄRVINEN, Kari	NOKIA Corporation			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998						get it	remarks - general:	
	ETSI Publication 16/11/1998						get it	remarks - this release: #27: 6.0.0	
	6 . 0 . 0								
	6 . 0 . 1								

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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 ETSI Secretariat
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:* #27: 6.0.0 #29: 6.1.0

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: #27: 6.0.0

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 [get it](#) *remarks - general:*
smg-26 26/06/1998 6 . 1 . 0 [get it](#) *remarks - this release:*
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
TP-05 08/10/1999 6 . 4 . 0 [get it](#)
TP-11 06/04/2001 6 . 5 . 0 [get it](#)

TS 07.10 Terminal Equipment to Mobile Station (TE-MS) multiplexer protocol

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-24 19/01/1998 2 . 0 . 0 [get it](#) *remarks - general:*
draft 10/03/1998 2 . 2 . 0 [get it](#) *remarks - this release:*
smg-25 20/03/1998 6 . 0 . 0 [get it](#)
smg-26 26/06/1998 6 . 1 . 0 [get it](#)
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-28 12/02/1999 6 . 3 . 0 [get it](#)
TP-05 08/10/1999 6 . 4 . 0 [get it](#)
TP-15 26/03/2002 6 . 5 . 0 [get it](#)

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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 [get it](#) remarks - general:
smg-26 26/06/1998 6 . 1 . 0 [get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #29: 6.3.0 TSG#5: 6.4.0 TSG#6: 6.5.0
smg-27 16/10/1998 6 . 2 . 0 [get it](#)
smg-29 25/06/1999 6 . 3 . 0 [get it](#)
NP-05 08/10/1999 6 . 4 . 0 [get it](#)
NP-06 15/12/1999 6 . 5 . 0 [get it](#)

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R97 current version: 6.0.0 WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: MCC: Peter Skov 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: Peter Skov THOMASEN, Gert

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) remarks - general:
remarks - this release:

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.04	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it	remarks - general: remarks - this release:
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it	remarks - general: remarks - this release:
<hr/>						
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
R97	current version: 6.5.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-31 bis 17/04/2000 6 . 5 . 0	G: yes U:	MCC: THOMASEN, Gert		get it	remarks - general: remarks - this release:
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TS 08.14	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it	remarks - general: remarks - this release:

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Server ACTIVE specs R97 08 .- series
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TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
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,	G: yes U:	MCC: THOMASEN, Gert		
	smg-25 20/03/1998	get it	remarks - general:		
	smg-26 26/06/1998	get it	remarks - this release:		
	smg-28 12/02/1999	get it			
	smg-29 25/06/1999	get it			

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R97	current version: 6.8.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: BLACK, Jyoti	MOTOROLA	
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert		
	smg-25 20/03/1998	get it	remarks - general:		
	smg-26 26/06/1998	get it	remarks - this release:		
	smg-27 16/10/1998	get it			
	smg-28 12/02/1999	get it			
	smg-29 25/06/1999	get it			
	smg-30 11/11/1999	get it			
	smg-31 16/02/2000	get it			
	ETSI Publication 16/03/2000	get it			
	GP-05 18/06/2001	get it			

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R97	current version: 6.1.0 freeze_meeting: smg-26	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation	
	history (event, available, version,	G: yes U:	MCC: BOSWARTHICK, David		
	smg-27 16/10/1998	get it	remarks - general:		
	NP-11 04/04/2001	get it	remarks - this release:		

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
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,	G: yes U:	MCC: THOMASEN, Gert		
	smg-27 16/10/1998	get it	remarks - general:		
			remarks - this release:		

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.52	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:	
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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:	
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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:	
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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:* VACANT,
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

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: PARK, Ian David VODAFONE LTD
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
edito	09/09/1998	6	.	1	.	1
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-05	08/10/1999	6	.	5	.	0
NP-06	15/12/1999	6	.	6	.	0
NP-07	15/03/2000	6	.	7	.	0
NP-08	21/06/2000	6	.	8	.	0
NP-09	08/11/2000	6	.	9	.	0
NP-10	21/12/2000	6	.	10	.	0
NP-11	06/04/2001	6	.	11	.	0
NP-15	04/04/2002	6	.	12	.	0

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

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[get it](#)

[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
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[get it](#) remarks - general: N3: "no R99 needed".
[get it](#) remarks - this release: #27: 6.0.0

TS 09.04 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R97 current version: 6.0.0 WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-26 G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-27	16/10/1998	6	.	0	.	0
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[get it](#) remarks - general: N3: "no R99 needed".
[get it](#) 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 / -	rappporteur:	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	/-	rappporteur:	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	/-	rappporteur:	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: remarks - this release: #27: 6.0.0 #29: 6.1.0 N#6: 6.2.0	
<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 / -	rappporteur:	FARHOUMAND, Rouzbeh	Ericsson Incorporated			
	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	

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 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling
R97 *current version: Procedures and the Mobile Application Part (MAP)* 6.2.0WG (prime / other): N4 / - rapporteur: VACANT,

freeze_meeting: smg-26 G: yes U: MCC: KYMALAINEN, Kimmo
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release: #25: 6.0.0 #29: 6.1.0 TSG#11:6.2.0*
NP-11 04/04/2001 6 . 2 . 0 [get it](#)

TS 09.11 Signalling Interworking for Supplementary Services

R97 *current version:* 6.0.0 WG (prime / other): N4 / - rapporteur: HAMEL, Eric France Telecom
freeze_meeting: smg-26 G: yes U: MCC: KYMALAINEN, Kimmo
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

TS 09.13 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R97 *current version:* 6.0.0 WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 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:

TS 09.16 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification

R97 *current version:* 6.1.0 WG (prime / other): N1 / - rapporteur: MILLS, Duncan VODAFONE Group Plc
freeze_meeting: smg-26 G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.18	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
R97	current version: 6.7.0	WG (prime / other):	N1 / -	rapporteur:	MILLS, Duncan VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	JORGENSEN, Per Johan
history (event, available, version,					
smg-25	20/02/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release:	
smg-27	16/10/1998	6 . 2 . 0	get it		
smg-28	12/02/1999	6 . 3 . 0	get it		
smg-29	25/06/1999	6 . 4 . 0	get it		
NP-05	08/10/1999	6 . 5 . 0	get it		
NP-07	15/03/2000	6 . 6 . 0	get it		
NP-14	04/01/2002	6 . 7 . 0	get it		

TS 09.60	General Packet Radio Service (GPRS); GPRS Tunneling Protocol GPT) across the Gn and Gp Interface				
R97	current version: 6.12.0	WG (prime / other):	N4 / -	rapporteur:	YOUNG, Michael MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release:	
smg-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	09/08/2001	6 . 10 . 1	get it		
visible					
NP-13	03/10/2001	6 . 11 . 0	get it		
NP-16	21/06/2002	6 . 12 . 0	get it		

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)								
R97	current version: 6.8.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
smg-25	20/03/1998	6 . 0 . 0		get it	remarks - general:				
smg-26		6 . 1 . 0	not issued, w/proc compatibility probs		remarks - this release:				
smg-26 ((6.1.0	26/06/1998	6 . 2 . 0		get it					
withdrawn due to									
WORD com									
smg-27	16/10/1998	6 . 3 . 0		get it					
smg-30	11/11/1999	6 . 4 . 0		get it					
NP-13	12/10/2001	6 . 5 . 0		get it					
NP-14	14/01/2002	6 . 6 . 0		get it					
NP-15	20/03/2002	6 . 7 . 0		get it					
NP-16	02/07/2002	6 . 8 . 0		get it					
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	current version: 6.5.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-26	G: yes	U:	MCC:	JURISIC, Andrijana				
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					
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	current version: 6.1.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: tbd	G: yes	U:	MCC:	Peter Skov				
history (event, available, version,					JORGENSEN, Per Johan				
smg-27		6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		remarks - general:				
NP-16	26/06/2002	6 . 1 . 0		get it	remarks - this release:	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:* KYMALAINEN, Kimmo ETSI Secretariat
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	ETSI Secretariat		
	<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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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 ASPECTS Software 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:*
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 not produced post smg-27 [get it](#) *remarks - general:*
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 18/06/2002 6 . 0 . 1 [get it](#) *remarks - this release:* GP-09 (Usai) created to fill the Release gap.
of version on

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05 Subscriber Related Call and Event Data
R97 *current version:* 6.1.0 *WG (prime / other):* S5 / S1 *rapporteur:* 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:*

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

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Server ACTIVE specs R97 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.11	Fault management of the Base Station System (BSS)					
R97	current version: 6.3.0	WG (prime / other):	S5 / S1 / GP	rapporteur:	TOVINGER, Thomas	Telefon AB LM Ericsson
	freeze_meeting: smg-26	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	smg-26 26/06/1998 6 . 0 . 0	get it		remarks - general:		
	smg-27 16/10/1998 6 . 1 . 0	get it		remarks - this release:		
	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	current version: 6.2.0	WG (prime / other):	S5 / -	rapporteur:	LEHNERT, Matthias	ALCATEL S.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 1 . 0	get it		remarks - general:		
	smg-28 12/02/1999 6 . 2 . 0	get it		remarks - this release: #27: 6.1.0 #28: 6.2.0		
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R97	current version: 6.0.0	WG (prime / other):	G3 / S5	rapporteur:	TRUSS, Michael	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-09 06/05/2002 6 . 0 . 0	get it		remarks - general: SP-13: S5->G3 but no change of		
				remarks - this release: GP-09 (Usai) created to fill the Release gap.		

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R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server ACTIVE specs R96 01 .- series
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
history (event, available, version, G: yes U: MCC: CLAYTON, Michael
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 ETSI Secretariat
freeze_meeting: smg-22 *G: yes U: MCC: USAI, Paolino*
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:*
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, G: yes U: MCC: CLAYTON, Michael
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, G: yes U: MCC: CLAYTON, Michael
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 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 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
ETSI publication 02/05/1997 5 . 2 . 1 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)
ETSI publication 31/12/1997 5 . 3 . 2 [get it](#)

TS 02.03 Teleservices Supported by a GSM Public Land Mobile Network (PLMN)

R96 *current version:* 5.3.2 *WG (prime / other):* S1 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-17 02/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
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smg-20 11/10/1996 5 . 1 . 1 [get it](#)
ETSI publication 02/05/1997 5 . 1 . 2 [get it](#)
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 2 . 1 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)
ETSI publication 14/01/1998 5 . 3 . 2 [get it](#)

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

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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

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
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smg-18	14/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	02/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
ETSI publication	28/08/1997	5	.	5	.	1
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	1
ETSI publication	27/02/1998	5	.	6	.	2
smg-23	17/10/1997	5	.	7	.	0
smg-25	20/03/1998	5	.	7	.	1
ETSI publication	01/02/1998	5	.	7	.	2
smg-29	25/06/1999	5	.	7	.	3
ETSI publication	29/12/1999	5	.	7	.	4

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

TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1

freeze_meeting: smg-22

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
ETSI publication	02/05/1997	5	.	0	.	1
smg-21	14/02/1997	5	.	1	.	0
ETSI publication	26/08/1997	5	.	1	.	1
smg-28	12/02/1999	5	.	2	.	0
ETSI publication	04/08/1999	5	.	2	.	1

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

G = required in systems with GERAN 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 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
ETSI publication 02/05/1997 5 . 2 . 1 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
ETSI OAP 21/07/1997 5 . 3 . 1 [get it](#)
ETSI publication 31/12/1997 5 . 3 . 2 [get it](#)
smg-24 19/12/1997 5 . 4 . 0 [get it](#)
ETSI publication 17/06/1998 5 . 4 . 1 [get it](#)

TS 02.09 Security aspects

R96 *current version:* 5.2.1 *WG (prime / other):* S3 / S1 / *rapporteur:* CHRISTOFFERSSON, TELIA PROMOTOR AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* POPE, Maurice
Per

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
edito 08/12/1997 5 . 1 . 1 [get it](#)
smg-31 16/02/2000 5 . 2 . 0 [get it](#)
ETSI publication 29/08/2000 5 . 2 . 1 [get it](#)

TS 02.11 Service Accessibility

R96 *current version:* 5.0.1 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

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 02.16 International Mobile Station Equipment Identities (IMEI)

R96 *current version:* 5.2.0

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

smg-30 11/11/1999 5 . 1 . 0

SP-08 23/06/2000 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom

G: yes U: *MCC:* CLAYTON, Michael

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

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

[get it](#)

TS 02.17 Subscriber Identity Module (SIM); Functional characteristics

R96 *current version:* 5.1.1

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

smg-27 16/10/1998 5 . 1 . 0

ETSI publication 08/04/1999 5 . 1 . 1

WG (prime / other): T3 / S1 *rapporteur:* HOOKER, Philip ORANGE PCS LTD

G: yes U: *MCC:* DIETZE, Claus

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

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

[get it](#)

[get it](#)

TS 02.22 Stage 1 for personalisation of GSM ME

R96 *current version:* 5.4.0

freeze_meeting: smg-22

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0

smg-19 28/06/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 2 . 0

smg-23 17/10/1997 5 . 3 . 0

smg-25 20/03/1998 5 . 3 . 1

smg-26 26/06/1998 5 . 4 . 0

WG (prime / other): S1 / *rapporteur:* DURAND, Romain ALCATEL S.A.

G: yes U: *MCC:* CLAYTON, Michael

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

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

[get it](#)

[get it](#)

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[get it](#)

TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 02/05/1997 5 . 0 . 1

WG (prime / other): S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)

G: yes U: *MCC:* CLAYTON, Michael

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

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

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Server ACTIVE specs R96 02 .- series
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TS 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

R96 current version: 5.7.1

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-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:

TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 current version: 5.2.1

freeze_meeting: smg-22

WG (prime / other): S1 / rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

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:

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

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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](#) *remarks - general:*
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#)
ETSI publication 03/06/1997 5 . 0 . 3 [get it](#)
smg-22 13/06/1997 5 . 0 . 4 [get it](#)
edito 05/12/1997 5 . 0 . 5 [get it](#)
smg-29 25/06/1999 5 . 1 . 0 [get it](#)
ETSI publication 29/12/1999 5 . 1 . 1 [get it](#)

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
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smg-21 14/02/1997 5 . 1 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 3 [get it](#)
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
publish ETS 300 01/12/1998 5 . 2 . 1 [get it](#)
925

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-21 14/02/1997 5 . 1 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 3 [get it](#)
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
ETSI publication 01/12/1998 5 . 2 . 1 [get it](#)

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)				
R96	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
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smg-20	11/10/1996	5 . 1 . 0	get it	<i>remarks - this release:</i>	
smg-21	14/02/1997	5 . 1 . 1	get it		
smg-22	13/06/1997	5 . 2 . 0	get it		
smg-23	17/10/1997	5 . 3 . 0	get it		
smg-24	19/12/1997	5 . 4 . 0	get it		
smg-26	26/06/1998	5 . 5 . 0	get it		
smg-28	12/02/1999	5 . 6 . 0	get it		

TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-19	28/06/1996	5 . 0 . 0	get it	<i>remarks - general:</i>	
smg-20	11/10/1996	5 . 1 . 0	get it	<i>remarks - this release:</i> #19: 5.0.0 #20: 5.1.0 #28: 5.2.0	
smg-28	12/02/1999	5 . 2 . 0	get it		

TS 02.81	Line Identification Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola	TELIA AB	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-20	11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>	
smg-24	19/12/1997	5 . 1 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0 #24: 5.1.0	

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
<i>history (event, available, version,</i>					
smg-16	20/10/1995	5 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> #16: 5.0.0	

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				get it	remarks - general: remarks - this release: #20: 5.0.0	
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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 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 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

R96 *current version:* 5.1.0 *WG (prime / other):* S1 / - *rapporteur:* SLOTTE, Sverre NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0

TS 02.91 Explicit Call Transfer (ECT)

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.0.1 #19: 5.1.0 #21: 5.1.1
smg-19 28/06/1996 5 . 1 . 0 [get it](#)
smg-21 14/02/1997 5 . 1 . 1 [get it](#)

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1

R96 *current version:* 5.2.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.1.0 #19: 5.2.0
smg-19 28/06/1996 5 . 2 . 0 [get it](#)

R96

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R96 *current version:* 5.1.0 *WG (prime / other):* S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* SULTAN, Alain
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
smg-18 12/04/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #18: 5.1.0

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.02	Network Architecture					
R96	current version: 5.3.0		WG (prime / other): S2 / NP /	rapporteur: SULTAN, Alain	ETSI Secretariat	
	freeze_meeting: smg-22		T2			
	history (event, available, version,		G: yes U:	MCC: SULTAN, Alain		
	smg-17 02/02/1996	5 . 0 . 0	get it	remarks - general:		
	smg-18 12/04/1996	5 . 1 . 0	get it	remarks - this release: #17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0		
	smg-23 17/10/1997	5 . 2 . 0	get it			
	smg-24 19/12/1997	5 . 3 . 0	get it			

TS 03.03	Numbering, Addressing and Identification					
R96	current version: 5.4.1		WG (prime / other): N4 / T2	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB	
	freeze_meeting: smg-22		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,			remarks - general:		
	smg-17	5 . 0 . 0		remarks - this release:		
	ETSI OAP 25/11/1996	5 . 0 . 1	get it			
	ETSI publication 02/05/1997	5 . 0 . 2	get it			
	smg-25 20/03/1998	5 . 1 . 0	get it			
	ETSI publication 23/10/1998	5 . 1 . 1	get it			
	smg-29 26/05/1999	5 . 2 . 0	get it			
	ETSI publication 22/11/1999	5 . 2 . 1	get it			
	NP-07 15/03/2000	5 . 3 . 0	get it			
	ETSI publication 15/11/2000	5 . 3 . 1	get it			
	NP-08 21/06/2000	5 . 4 . 0	get it			
	ETSI publication 04/01/2001	5 . 4 . 1	get it			

TR 03.05	Technical performance objectives					
R96	current version: 5.0.0		WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting: smg-22		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,			remarks - general:		
	smg-20 11/10/1996	5 . 0 . 0	get it	remarks - this release: #20: 5.0.0		

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

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures					
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-22				Chalmers	
	history (event, available, version,	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	smg-20 11/10/1996 5 . 0 . 0					get it remarks - general:
	smg-23 17/10/1997 5 . 1 . 0					get it remarks - this release:
<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				Rouzbeh	
	history (event, available, version,	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	smg-18 12/04/1996 5 . 0 . 0					get it remarks - general:
	smg-22 13/06/1997 5 . 1 . 0					get it remarks - this release: #18: 5.0.0 #22: 5.1.0
<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

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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	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 03/06/1997 5 . 0 . 1		get it	<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
TS 03.12	Location Registration Procedures					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<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>		
				<i>remarks - this release: #17: 5.0.0</i>		
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #20: 5.0.0</i>		
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	Chalmers			
	<i>history (event, available, version,</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-16 20/10/1995 5 . 0 . 0					
	smg-21 14/02/1997 5 . 1 . 0		get it	<i>remarks - general:</i>		
			get it	<i>remarks - this release: #16: 5.0.0 #21: 5.1.0</i>		

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TS 03.16 Subscriber Data Management

R96 current version: 5.3.0

freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: DETTNER, Harald SIEMENS AG

G: yes U: MCC: KYMALAINEN, Kimmo

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

[get it](#) remarks - general:

[get it](#) remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0

[get it](#)

[get it](#)

TS 03.18 Basic Call Handling

R96 current version: 5.6.0

freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers KYMALAINEN, Kimmo

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0

smg-22 13/06/1997 5 . 1 . 0

smg-23 17/10/1997 5 . 2 . 0

smg-24 19/12/1997 5 . 3 . 0

smg-25 20/03/1998 5 . 4 . 0

smg-26 26/06/1998 5 . 5 . 0

smg-27 16/10/1998 5 . 6 . 0

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 03.20 Security-related Network Functions

R96 current version: 5.2.1

freeze_meeting: smg-22

WG (prime / other): S3 / NP / rapporteur: NGUYEN NGOC, France Telecom

G: yes U: GP MCC: Sebastien POPE, Maurice

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

smg-21 14/02/1997 5 . 1 . 0

smg-23 17/10/1997 5 . 2 . 0

smg-29 25/06/1999 5 . 2 . 1

[get it](#) remarks - general:

[get it](#) remarks - this release: SMG#29: CRs but postponed, then forgotten!

[get it](#)

[get it](#)

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

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Server ACTIVE specs R96 03 .- series
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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	5 . 0 . 0	get it	<i>remarks - general:</i>	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	ETSI publication 03/06/1997	5 . 0 . 1	get it	<i>remarks - this release:</i>	group receive mode".	
	smg-21 14/02/1997	5 . 1 . 0	get it			
	ETSI publication 15/09/1997	5 . 1 . 1	get it			
	smg-22 13/06/1997	5 . 2 . 0	get it			
	ETSI publication 31/12/1997	5 . 2 . 1	get it			
	smg-26 26/06/1998	5 . 3 . 0	get it			
	ETSI publication 10/12/1998	5 . 3 . 1	get it			

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	G1 / NP	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S
	<i>freeze_meeting:</i> smg-22				Peter Skov	
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-22 13/06/1997	5 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-23 17/10/1997	5 . 2 . 0	get it			

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	5 . 0 . 0	get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#20: 5.0.0	

TS 03.32	Universal Geographical Area Description (GAD)					
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i>	S2 / -	<i>rapporteur:</i>	SULTAN, Alain	ETSI Secretariat
	<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	5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998	5 . 1 . 0	get it	<i>remarks - this release:</i>	#23: 5.0.0 #26: 5.1.0 #27: 5.2.0	
	smg-27 16/10/1998	5 . 2 . 0	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

WG (prime / other): N1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation

G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0

[get it](#) remarks - general:

smg-26 26/06/1998 5 . 1 . 0

[get it](#) remarks - this release: #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

smg-28 12/02/1999 5 . 2 . 0

[get it](#)

TS 03.38 Alphabets and language-specific information

R96 current version: 5.6.1

freeze_meeting: smg-22

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

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: #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

smg-18 12/04/1996 5 . 2 . 0

[get it](#)

smg-19 28/06/1996 5 . 3 . 0

[get it](#)

smg-20 11/10/1996 5 . 4 . 0

[get it](#)

smg-21 14/02/1997 5 . 5 . 0

[get it](#)

smg-22 13/06/1997 5 . 6 . 0

[get it](#)

Editorial correction 13/07/1997 5 . 6 . 1

[get it](#)

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R96 current version: 5.8.1

freeze_meeting: smg-22

WG (prime / other): T2 / - rapporteur: HARRIS, Ian Teleca Limited

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](#)

smg-21 14/02/1997 5 . 5 . 0

[get it](#)

smg-22 13/06/1997 5 . 6 . 0

[get it](#)

smg-23 17/10/1997 5 . 7 . 0

[get it](#)

smg-26 26/06/1998 5 . 8 . 0

[get it](#)

Editorial change 26/07/1998 5 . 8 . 1

[get it](#)

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	5	.	2	.	0	get it	
smg-19	28/06/1996	5	.	3	.	0	get it	
smg-20	11/10/1996	5	.	4	.	0	get it	
ETSI publication	02/05/1997	5	.	4	.	1	get it	
smg-21	14/02/1997	5	.	5	.	0	get it	
ETSI publication	15/09/1997	5	.	5	.	1	get it	
smg-22	13/06/1997	5	.	6	.	0	get it	
ETSI publication	02/02/1998	5	.	6	.	1	get it	
smg-23	17/10/1997	5	.	7	.	0	get it	
smg-24	19/12/1997	5	.	8	.	0	get it	
ETSI publication	17/06/1998	5	.	8	.	1	get it	
smg-25	20/03/1998	5	.	9	.	0	get it	
ETSI publication	03/02/1999	5	.	9	.	1	get it	

TS 03.42 SMS Compression

R96 *current version:* 5.2.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-21	14/02/1997	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-22	13/06/1997	5	.	1	.	0	get it	<i>remarks - this release:</i> #21: 5.0.0 #22: 5.1.0 #23: 5.2.0
smg-23	17/10/1997	5	.	2	.	0	get it	

TR 03.43 Support of Videotex

R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-20	11/10/1996	5	.	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

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat					
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
			get it	<i>remarks - general:</i> <i>remarks - this release:</i>					
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
R96	<i>current version:</i> 5.2.1 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0 ETSI publication 02/05/1997 5 . 0 . 1 smg-21 14/02/1997 5 . 1 . 0 ETSI publication 26/08/1997 5 . 1 . 1 smg-22 13/06/1997 5 . 2 . 0 ETSI publication 02/02/1998 5 . 2 . 1	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
			get it	<i>remarks - general:</i> <i>remarks - this release:</i>					
			get it						
			get it						
			get it						
			get it						
			get it						
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
			get it	<i>remarks - general:</i> <i>remarks - this release:</i>					
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat					
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm						
			get it	<i>remarks - general:</i> <i>remarks - this release:</i>					

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TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	smg-16 20/10/1995		get it	<i>remarks - general:</i>	
	smg-18 12/04/1996		get it	<i>remarks - this release:</i>	
	smg-19 28/06/1996		get it		
	smg-20 11/10/1996		get it		
	smg-21 14/02/1997		get it		
	smg-22 13/06/1997		get it		
	smg-23 17/10/1997		get it		
	smg-24 19/12/1997		get it		

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-17 02/02/1996		get it	<i>remarks - general:</i>	
	smg-20 11/10/1996		get it	<i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.1 #24: 5.0.3 #25: 5.1.0 #27: 5.2.0 #28: 5.3.0 #32:5.4.0	
	smg-24 19/12/1997		get it		
	smg-25 20/03/1998		get it		
	smg-27 16/10/1998		get it		
	smg-28 12/02/1999		get it		
	smg-32 20/06/2000		get it		

TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997		get it	<i>remarks - general:</i>	
	smg-24 19/12/1997		get it	<i>remarks - this release:</i> #23: 5.1.0 #24: 5.2.0	

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2								
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-16 20/10/1995	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-18 12/04/1996	5 . 1 . 0		get it	<i>remarks - this release:</i>				

TS 03.67	Enhanced Multi-Level Precedence and Preemption Service (EMLPP); Stage 2								
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	MÜNNING, Dirk	DETECON GMBH			
	<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					

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

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH

G: yes U: MCC: JORGENSEN, Per Johan

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

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remarks - general:

[get it](#)

remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0

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TS 03.70 Routing of Calls to/from Public Data Networks (PDN)

R96 current version: 5.0.0

freeze_meeting: smg-22

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

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remarks - general: N3: "no R99 needed".

remarks - this release: #20: 5.0.0

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2					
R96	current version: 5.8.0	WG (prime / other):	N2 / -	rapporteur:	LANTELME, Isabelle	ALCATEL S.A.
	freeze_meeting: smg-22	G: yes	U:	MCC:	JURISIC, Andrijana	
	history (event, available, version,					
	smg-21 14/02/1997	5 . 0 . 0	get it	remarks - general:		
ETSI publication	23/04/1997	5 . 0 . 1	get it	remarks - this release:		
smg-22	13/06/1997	5 . 1 . 0	get it			
smg-23	17/10/1997	5 . 2 . 0	get it			
smg-24	19/12/1997	5 . 3 . 0	get it			
edito	19/01/1998	5 . 3 . 1	get it			
ETSI publication	30/01/1998	5 . 3 . 2	get it			
smg-25	20/03/1998	5 . 4 . 0	get it			
smg-26	26/06/1998	5 . 5 . 0	get it			
smg-27	16/10/1998	5 . 6 . 0	get it			
smg-28	12/02/1999	5 . 7 . 0	get it			
smg-29	25/06/1999	5 . 8 . 0	get it			

TS 03.79	Support of Optimal Routeing phase 1; Stage 2					
R96	current version: 5.5.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: smg-22	G: yes	U:	MCC:	Chalmers 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:	VACANT,	
	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> POTHS, Annette	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0		
<hr/>					
TS 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:</i> #20: 5.0.0		
<hr/>					
TS 03.84	Multi Party (MPY) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0		
<hr/>					
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,		
	<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>		
<hr/>					
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2				
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i> smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #20: 5.0.0		
	ETSI Publication 28/11/2000 5 . 0 . 1	get it			

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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: HAMEL, Eric France Telecom
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: DZUBAN, Stanislav SIEMENS AG
G: yes U: MCC: KYMALAINEN, Kimmo

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[get it](#) remarks - this release: #16: 5.0.0 #18: 5.0.1 #19: 5.0.2
[get it](#)

R96

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R96 current version: 5.0.0
freeze_meeting: smg-22
history (event, available, version,
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

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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	
<hr/>						
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
R96	current version: 5.3.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, 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:*
[get it](#) *remarks - this release:*
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TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R96 *current version:* 5.3.0 *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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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 04 .- series
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TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.18.1
freeze_meeting: smg-22

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	13/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	2
ETSI publication	27/02/1998	5	.	6	.	3
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	23/10/1998	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	16/12/1998	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	05/10/1999	5	.	13	.	1
ETSI publication	22/12/1999	5	.	13	.	1
smg-30	11/11/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-07	15/03/2000	5	.	15	.	0
ETSI publication	05/10/2000	5	.	15	.	1
smg-31 bis	17/04/2000	5	.	16	.	0
smg-32	20/06/2000	5	.	17	.	0
GP-01	12/10/2000	5	.	18	.	0
edito	02/11/2000	5	.	18	.	1

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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 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	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22				Peter Skov		
		G: yes	U:	MCC:	KYMALAINEN, Kimmo		
history (event, available, version,						remarks - general:	
smg-20	11/10/1996	5	.	0	.	0	remarks - this release:
edito	11/10/1996	5	.	0	.	1	get it

TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface						
R96	current version: 5.3.0	WG (prime / other):	N1 / -	rapporteur:	NOBUYUKI, Uda	NTT COMWARE Corporation	
	freeze_meeting: smg-22			MCC:	JORGENSEN, Per Johan		
		G: yes	U:				
history (event, available, version,						remarks - general:	
smg-16	20/10/1995	5	.	0	.	0	remarks - this release:
smg-17	02/02/1996	5	.	1	.	0	get it
smg-20	11/10/1996	5	.	1	.	1	get it
smg-21	14/02/1997	5	.	2	.	0	get it
ETSI publication	15/09/1997	5	.	2	.	1	get it
NP-09	24/10/2000	5	.	3	.	0	get it

TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface						
R96	current version: 5.0.2	WG (prime / other):	G2 / T2	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22				Peter Skov		
		G: yes	U:	MCC:	THOMASEN, Gert		
history (event, available, version,						remarks - general:	
smg-19	28/06/1996	5	.	0	.	0	remarks - this release: #19: 5.0.0 #20: 5.0.1
smg-20	11/10/1996	5	.	0	.	1	get it
ETSI Publication	28/11/2000	5	.	0	.	2	get it

TS 04.13	Performance Requirements on Mobile Radio Interface						
R96	current version: 5.1.1	WG (prime / other):	N1 / -	rapporteur:	PUDNEY, Chris	VODAFONE Group Plc	
	freeze_meeting: smg-22			MCC:	JORGENSEN, Per Johan		
		G: yes	U:				
history (event, available, version,						remarks - general:	
smg-18	12/04/1996	5	.	0	.	0	remarks - this release: #18: 5.0.0 #20: 5.1.0
smg-20	11/10/1996	5	.	1	.	0	get it
ETSI Publication	28/11/2000	5	.	1	.	1	get it

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R96	current version: 5.1.0	WG (prime / other):	G2 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-26 26/06/1998	5 . 0 . 0		get it	remarks - general:				
	smg-27 16/10/1998	5 . 1 . 0		get it	remarks - this release:				

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R96	current version: 5.7.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-22	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-21 14/02/1997	5 . 1 . 0		get it	remarks - this release: #20: 5.0.0 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0 #25: 5.5.0 #27: 5.6.0				
					TSG#8:5.7.0				
	smg-22 13/06/1997	5 . 2 . 0		get it					
	smg-23 17/10/1997	5 . 3 . 0		get it					
	smg-24 19/12/1997	5 . 4 . 0		get it					
	smg-25 20/03/1998	5 . 5 . 0		get it					
	smg-27 16/10/1998	5 . 6 . 0		get it					
	NP-08 21/06/2000	5 . 7 . 0		get it					

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R96	current version: Switching Centre (BSS - MSC) interface	5.6.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes	U:	MCC:	BOSWARTHICK, David			
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-20 11/10/1996	5 . 0 . 1		get it	remarks - this release: #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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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
R96 *current version: 5.0.0* WG (prime / other): N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.67 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3
R96 *current version: 5.0.1* WG (prime / other): N4 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: smg-22 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 28/11/2000 5 . 0 . 1 [get it](#) *remarks - this release: #20: 5.0.0*

TS 04.68 Group Call Control (GCC) Protocol
R96 *current version: 5.5.0* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-27 16/10/1998 5 . 1 . 0 [get it](#)
smg-28 12/02/1999 5 . 2 . 0 [get it](#)
smg-29 25/06/1999 5 . 3 . 0 [get it](#)
smg-30 11/11/1999 5 . 4 . 0 [get it](#)
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

TS 04.69 Broadcast Call Control (BCC) protocol
R96 *current version: 5.5.0* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: smg-22 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-28 12/02/1999 5 . 2 . 0 [get it](#)
smg-29 25/06/1999 5 . 3 . 0 [get it](#)
smg-30 11/11/1999 5 . 4 . 0 [get it](#)
NP-07 15/03/2000 5 . 5 . 0 [get it](#)

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Server ACTIVE specs R96 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					
R96	current version: 5.3.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat		
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo			
history (event, available, version,						
smg-18	12/04/1996	5 . 0 . 0	get it	remarks - general:		
smg-20	11/10/1996	5 . 0 . 1	get it	remarks - this release:		
smg-24	19/12/1997	5 . 1 . 0	get it			
smg-25	20/03/1998	5 . 2 . 0	get it			
smg-28	12/02/1999	5 . 3 . 0	get it			
ETSI Publication	12/03/1999	5 . 3 . 1	get it			

TS 04.81	Line Identification Supplementary Services; Stage 3					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat		
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo			
history (event, available, version,						
smg-20	11/10/1996	5 . 0 . 0	get it	remarks - general:		
ETSI Publication	11/11/1996	5 . 0 . 1	get it	remarks - this release: #20: 5.0.0		

TS 04.82	Call Forwarding (CF) Supplementary Services; Stage 3					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	Indicate persons who left Company and wait for new One		
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo			
history (event, available, version,						
smg-20	11/10/1996	5 . 0 . 0	get it	remarks - general:		
ETSI Publication	11/11/1996	5 . 0 . 1	get it	remarks - this release: #20: 5.0.0		

TS 04.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3					
R96	current version: 5.0.1	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo			
history (event, available, version,						
smg-20	11/10/1996	5 . 0 . 0	get it	remarks - general:		
ETSI Publication	11/11/1996	5 . 0 . 1	get it	remarks - this release: #20: 5.0.0		

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.84 Multi Party (MPty) Supplementary Services; Stage 3

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI Publication 11/11/1996 5 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

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:* VACANT,
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI Publication 11/11/1996 5 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-24 19/12/1997 5 . 1 . 0
ETSI Publication 19/01/1998 5 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* HAMEL, Eric France Telecom
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #20: 5.0.0 #24: 5.1.0
[get it](#)

TS 04.90 Unstructured Supplementary Service Data (USSD)

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI Publication 11/11/1996 5 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo ETSI Secretariat
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *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 04.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

R96 current version: 5.1.2

freeze_meeting: smg-22

WG (prime / other): N4 / - rapporteur: DZUBAN, Stanislav SIEMENS AG

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

ETSI Publication 02/03/1996 5 . 1 . 2

[get it](#) remarks - general:

[get it](#) remarks - this release: #16: 5.0.0 #17: 5.1.0

[get it](#)

R96

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R96 current version: 5.4.0

freeze_meeting: smg-22

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-18 12/04/1996 5 . 0 . 0

smg-20 11/10/1996 5 . 1 . 0

smg-21 14/02/1997 5 . 2 . 0

smg-22 13/06/1997 5 . 3 . 0

smg-25 20/03/1998 5 . 4 . 0

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[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 05.02 Multiplexing and Multiple Access on the Radio Path

R96 current version: 5.10.0

freeze_meeting: smg-22

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	13/05/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-25	20/03/1998	5	.	6	.	0
ETSI publication	23/10/1998	5	.	6	.	1
smg-26	26/06/1998	5	.	7	.	0
ETSI publication	10/12/1998	5	.	7	.	1
smg-28	12/02/1999	5	.	8	.	0
ETSI publication	04/08/1999	5	.	8	.	1
GP-01	09/10/2000	5	.	9	.	0
GP-06	01/10/2001	5	.	10	.	0

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

TS 05.03 Channel coding

R96 current version: 5.6.0

freeze_meeting: smg-22

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-17	02/02/1996	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-19	26/06/1996	5	.	2	.	0
smg-20	11/10/1996	5	.	2	.	1
ETSI publication	12/05/1997	5	.	2	.	2
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-23	17/10/1997	5	.	4	.	0
smg-25	20/03/1998	5	.	5	.	0
ETSI publication	23/10/1998	5	.	5	.	1
GP-01	09/10/2000	5	.	6	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release: #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0
GERAN#1:5.6.0

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.04 Modulation

R96 current version: 5.1.1

freeze_meeting: smg-22

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

ETSI publication 13/05/1997 5 . 0 . 1

smg-30 11/11/1999 5 . 1 . 0

ETSI Publication 11/12/1999 5 . 1 . 1

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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

TS 05.05 Radio Transmission and Reception

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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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

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	03/06/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-24	19/12/1997	5	.	6	.	0
ETSI publication	17/06/1998	5	.	6	.	1
smg-25	20/03/1998	5	.	7	.	0
ETSI publication	23/10/1998	5	.	7	.	1
smg-26	26/06/1998	5	.	8	.	0
ETSI publication	10/12/1998	5	.	8	.	1
smg-27	16/10/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
GP-01	10/10/2000	5	.	10	.	0

[get it](#) remarks - general:

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

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TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1

freeze_meeting: smg-22

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U: MCC: USAI, Paolino

history (event, available, version,

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

[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

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

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov USAI, Paolino

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

[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 ETSI Secretariat
G: yes U: *MCC:* USAI, Paolino

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

R96 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R96 *current version:* 5.1.1
freeze_meeting: smg-22
history (event, available, version,
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 ETSI Secretariat
G: yes U: *MCC:* USAI, Paolino

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

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions					
R96	<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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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.10	Full Rate Speech Transcoding					
R96	current version: 5.3.0	WG (prime / other):	S4 / -	rapporteur:	LORENZ, Dietmar	PHILIPS Semiconductors
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:	
	smg-23 17/10/1997 5 . 1 . 0			get it	remarks - this release:	
	smg-32 20/06/2000 5 . 2 . 0			get it		
	ETSI Publication 04/01/2001 5 . 2 . 1			get it		
	SP-12 29/06/2001 5 . 3 . 0			get it		

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:	
	smg-23 17/10/1997 5 . 0 . 1			get it	remarks - this release: #20: 5.0.0 #23: 5.0.1	

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	SERENO, Daniele	TELECOM ITALIA S.p.A.
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:	
	ETSI Publication 11/11/1996 5 . 0 . 1			get it	remarks - this release: #20: 5.0.0	
	SP-12 29/06/2001 5 . 1 . 0			get it		

TS 06.20	Half Rate Speech Transcoding					
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general:	
	smg-22 13/06/1997 5 . 1 . 0			get it	remarks - this release: #20: 5.0.0 #22: 5.1.0	
	ETSI Publication 13/07/1997 5 . 1 . 1			get it		

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.21	Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels								
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	ETSI Publication 11/11/1996	5 . 0 . 1		get it	remarks - this release: #20: 5.0.0				
TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels								
R96	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	AFTELAK, Steve	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-22 13/06/1997	5 . 1 . 0		get it	remarks - this release: #20: 5.0.0 #22: 5.1.0				
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
R96	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-23 17/10/1997	5 . 0 . 1		get it	remarks - this release: #20: 5.0.0 #23: 5.0.1				
TS 06.32	Voice Activity Detection (VAD)								
R96	current version: 5.0.3	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-23 17/10/1997	5 . 0 . 2		get it	remarks - this release: #20: 5.0.0 #23: 5.0.2				
	ETSI Publication 17/11/1997	5 . 0 . 3		get it					
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R96	current version: 5.1.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	ETSI Secretariat			
	freeze_meeting: smg-22	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-22 13/06/1997	5 . 0 . 1		get it	remarks - this release: #20: 5.0.0 #22: 5.0.1 #23: 5.1.0				
	smg-23 17/10/1997	5 . 1 . 0		get it					
	ETSI Publication 17/11/1997	5 . 1 . 1		get it					

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	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 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> #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 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
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-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 #32:5.2.0 TSG#10:5.3.0	
	ETSI publication 27/02/1998 5 . 1 . 1			get it		
	smg-32 20/06/2000 5 . 2 . 0			get it		
	SP-10 20/12/2000 5 . 3 . 0			get it		

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

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](#)

TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

R96 current version: 5.1.3

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

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

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech channels

R96 *current version:* 5.2.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0
smg-20 11/10/1996 5 . 1 . 1 [get it](#)
smg-22 13/06/1997 5 . 1 . 2 [get it](#)
smg-30 11/11/1999 5 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 5 . 2 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech channels

R96 *current version:* 5.0.3 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#) *remarks - this release:* #17: 5.0.0 #20: 5.0.2 #22: 5.0.3
smg-22 13/06/1997 5 . 0 . 3 [get it](#)

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
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

R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

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Server ACTIVE specs R96 07 .- series
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:* #16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.3.0 #21: 5.4.0 #22: 5.5.0
#23: 5.6.0 #24: 5.7.0 #25: 5.8.0 #28: 5.9.0

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](#)

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

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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:* WIJK, 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:* #19: 5.0.0 #20: 5.1.0 #21: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0
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](#)

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

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Server ACTIVE specs R96 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #24: 5.2.0
smg-24 19/12/1997 5 . 2 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 2 . 1 [get it](#)

TS 07.60 General Packet Radio Service (GPRS); Mobile Station (MS) supporting GPRS

R96 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* WILD, Johanna MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: #24: 5.1.0

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

R96 *current version:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R96 *current version:* 5.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:*

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 08.04	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	
	history (event, available, version, smg-20 11/10/1996 5 . 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				
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-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	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: get it get it
<hr/>					
TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification				
R96	current version: 5.12.0 freeze_meeting: smg-22	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S	
	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 29/06/1998 5 . 9 . 0 5 . 10 . 0 smg-29 25/06/1999 5 . 11 . 0 smg-31 bis 17/04/2000 5 . 12 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: . get it get it get it get it get it get it get it

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

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Server ACTIVE specs R96 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								
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	BLACK, Jyoti	MOTOROLA			
	freeze_meeting: smg-22	G: yes	U:	MCC:	THOMASEN, Gert				
	history (event, available, version,								
	smg-24 19/12/1997	5 . 0 . 0	withdrawn smg-25	get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
R96	current version: 5.4.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: smg-22	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
	smg-21 14/02/1997	5 . 1 . 0		get it	remarks - this release:				
	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	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-22	G: yes	U:	MCC:	Peter Skov				
	history (event, available, version,				THOMASEN, Gert				
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
					remarks - this release:				
<hr/>									
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles								
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-22	G: yes	U:	MCC:	Peter Skov				
	history (event, available, version,				THOMASEN, Gert				
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:				
					remarks - this release:				

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Server ACTIVE specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits						
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22	G: yes	U:	MCC:	Peter Skov		
	history (event, available, version,				THOMASEN, Gert		
	smg-16 20/10/1995 5 . 0 . 0	get it					remarks - general: remarks - this release:
TS 08.56	BSC-BTS Layer 2; Specification						
R96	current version: 5.0.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22	G: yes	U:	MCC:	Peter Skov		
	history (event, available, version,				THOMASEN, Gert		
	smg-20 11/10/1996 5 . 0 . 0	get it					remarks - general: remarks - this release:
TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification						
R96	current version: 5.10.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-22	G: yes	U:	MCC:	Peter Skov		
	history (event, available, version,				THOMASEN, Gert		
	smg-16 20/10/1995 5 . 0 . 0	get it					remarks - general:
	smg-17 02/02/1996 5 . 1 . 0	get it					remarks - this release: #16: 5.0.0 #17: 5.1.0 #19: 5.2.0 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #26: 5.8.0 #29: 5.9.0 #30: 5.10.0
	smg-19 28/06/1996 5 . 2 . 0	get it					
	smg-21 14/02/1997 5 . 3 . 0	get it					
	smg-22 13/06/1997 5 . 4 . 0	get it					
	smg-23 17/10/1997 5 . 5 . 0	get it					
	smg-24 19/12/1997 5 . 6 . 0	get it					
	smg-25 20/03/1998 5 . 7 . 0	get it					
	smg-26 26/06/1998 5 . 8 . 0	get it					
	smg-29 25/06/1999 5 . 9 . 0	get it					
	smg-30 11/11/1999 5 . 10 . 0	get it					

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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:* VACANT,
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

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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

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
Chalmers

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0
include SDLs	22/07/2002	5	.	17	.	1

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
[get it](#) remarks - this release:

[get it](#)

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

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Server ACTIVE specs R96 09 .- series
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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 Network (PLMN)	5.0.0	WG (prime / other):	N3	/-	rporteur:	BOSWARTHICK, David
R96	ETSI Secretariat						
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					remarks - general:	N3: "no R99 needed".
						remarks - this release:	#20: 5.0.0
			get it				
<hr/>							
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)	5.0.0	WG (prime / other):	N3	/-	rporteur:	BOSWARTHICK, David ETSI Secretariat
R96	ETSI Secretariat						
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					remarks - general:	N3: "no R99 needed".
						remarks - this release:	#20: 5.0.0
			get it				
<hr/>							
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access	5.0.0	WG (prime / other):	N3	/-	rporteur:	BOSWARTHICK, David ETSI Secretariat
R96	ETSI Secretariat						
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					remarks - general:	N3: "no R99 needed".
						remarks - this release:	#20: 5.0.0
			get it				
<hr/>							
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet Switched Data Transmission Services	5.0.2	WG (prime / other):	N3	/-	rporteur:	BOSWARTHICK, David
R96	ETSI Secretariat						
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David
	history (event, available, version, smg-19 28/06/1996 5 . 0 . 0					remarks - general:	N3: "no R99 needed".
	smg-20 11/10/1996 5 . 0 . 1					remarks - this release:	#19: 5.0.0 #20: 5.0.1
	ETSI Publication 11/11/1996 5 . 0 . 2						
			get it				
			get it				
			get it				

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

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Server ACTIVE specs R96 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								
R96	current version: Network (PSTN)	5.10.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-22		G: yes	U:		MCC:	BOSWARTHICK, David		
history (event, available, version,									
smg-16	20/10/1995	5 . 0 . 0				get it	remarks - general:		
smg-17	02/02/1996	5 . 0 . 1				get it	remarks - this release:	#16: 5.0.0 #17: 5.0.1 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #22: 5.4.0 #23: 5.5.0 #24: 5.6.0 #25: 5.7.0 #27: 5.8.0 #28: 5.9.0 N#6: 5.10.0	
smg-18	12/04/1996	5 . 1 . 0				get it			
smg-19	28/06/1996	5 . 2 . 0				get it			
smg-20	11/10/1996	5 . 2 . 1				get it			
smg-21	14/02/1997	5 . 3 . 0				get it			
smg-22	13/06/1997	5 . 4 . 0				get it			
smg-23	17/10/1997	5 . 5 . 0				get it			
smg-24	19/12/1997	5 . 6 . 0				get it			
smg-25	20/03/1998	5 . 7 . 0				get it			
smg-27	16/10/1998	5 . 8 . 0				get it			
smg-28	12/02/1999	5 . 9 . 0				get it			
NP-06	15/12/1999	5 . 10 . 0				get it			
ETSI Publication	05/07/2000	5 . 10 . 1				get it			

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R96	current version: 5.1.0		WG (prime / other):	N1	/-	rapporteur:	FARHOUMAND, Ericsson Incorporated		
	freeze_meeting: smg-22						Rouzbeh		
history (event, available, version,			G: yes	U:		MCC:	JORGENSEN, Per Johan		
smg-20	11/10/1996	5 . 0 . 0				get it	remarks - general:		
smg-21	14/02/1997	5 . 1 . 0				get it	remarks - this release:	#20: 5.0.0 #21: 5.1.0	

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
R96	current version: Procedures and the Mobile Application Part (MAP)	5.2.0	WG (prime / other):	N4	/-	rapporteur:	VACANT,		
	freeze_meeting: smg-22		G: yes	U:		MCC:	KYMALAINEN, Kimmo		
history (event, available, version,									
smg-17	02/02/1996	5 . 0 . 0				get it	remarks - general:		
smg-18	12/04/1996	5 . 1 . 0				get it	remarks - this release:	#17: 5.0.0 #18: 5.1.0 #23: 5.2.0	
smg-23	17/10/1997	5 . 2 . 0				get it			

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

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11	Signalling Interworking for Supplementary Services								
R96	current version: 5.1.0	WG (prime / other):	N4 / -	rapporteur:	HAMEL, Eric	France Telecom			
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-18 12/04/1996	5	.	0	.	0	get it	remarks - general:	
	smg-19 28/06/1996	5	.	1	.	0	get it	remarks - this release: #18: 5.0.0 #19: 5.1.0	
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R96	current version: 5.7.0	WG (prime / other):	N2 / -	rapporteur:	NOLDUS, Rogier	Telefon AB LM Ericsson			
	freeze_meeting: smg-22	G: yes	U:	MCC:	JURISIC, Andrijana				
	history (event, available, version,								
	smg-21 14/02/2000	5	.	0	.	0	get it	remarks - general:	
	smg-22 13/06/1997	5	.	1	.	0	get it	remarks - this release:	
	smg-23 17/10/1997	5	.	2	.	0	get it		
	smg-24 19/12/1997	5	.	3	.	0	get it		
	smg-25 20/03/1998	5	.	4	.	0	get it		
	smg-26 26/06/1998	5	.	5	.	0	get it		
	smg-28 12/02/1999	5	.	6	.	0	get it		
	smg-29 25/06/1999	5	.	7	.	0	get it		
<hr/>									
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	HOWELL, Andrew	MOTOROLA Ltd			
	freeze_meeting: smg-22	G: yes	U:	MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	<to be defined> 02/02/1996	5	.	0	.	0	get it	remarks - general:	
	smg-22 02/01/2001	5	.	1	.	0	get it	remarks - this release:	
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R96	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: tbd	G: yes	U:	MCC:	Peter Skov JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-20 11/10/1996	5	.	0	.	0	get it	remarks - general:	
	NP-16 26/06/2002	5	.	1	.	0	get it	remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.	

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

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Server ACTIVE specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00 Digital Cellular Telecommunication System Feature Description

R96 *current version:* 5.2.1 *WG (prime / other):* S2 / - *rapporteur:* BERGMANN, Ansgar ETSI Secretariat
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:* KYMALAINEN, Kimmo ETSI Secretariat
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 ETSI Secretariat
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 11.10-1	Mobile station (MS) conformance specification; Part1: Conformance specification							
R96	<i>current version:</i> 5.12.2			WG (prime / other):	G5 / S1 /	<i>rapporteur:</i> SALMERON, Lidia		ETSI Secretariat
	<i>freeze_meeting:</i> smg-22				NP /			
					T2 /			
					SCP			
					/ G4			
				G: yes U:		MCC: SALMERON, Lidia		
	<i>history (event, available, version,</i>							
	smg-18 12/04/1996	5 . 0 . 0		get it	<i>remarks - general:</i>	R99 version now serves all releases. Earlier releases closed.. Subsequently		
	smg-21 14/02/1997	5 . 1 . 0		get it	<i>remarks - this release:</i>	#31bis: closed (R99 version serves all releases) replaced by Rel-5 equivalent. 2001-		
11-19: G4->G5.								
	smg-22 13/06/1997	5 . 2 . 0		get it				
	smg-23 17/10/1997	5 . 3 . 0		get it				
	smg-24 19/12/1997	5 . 4 . 0		get it				
	smg-25 20/03/1998	5 . 5 . 0		get it				
	smg-26 06/06/1998	5 . 6 . 0		get it				
	smg-27 16/10/1998	5 . 7 . 0		get it				
	smg-28 12/02/1999	5 . 8 . 0		get it				
	smg-29 25/06/1999	5 . 9 . 0		get it				
	smg-30 11/11/1999	5 . 10 . 0		get it				
	smg-31 16/02/2000	5 . 11 . 0		get it				
	Editorial correction 16/02/2000	5 . 11 . 1		get it				
	GP-06 06/09/2001	5 . 12 . 0		get it				
	Editorial correction 01/08/2002	5 . 12 . 1		get it				
	Editorial correction 02/08/2002	5 . 12 . 2		get it				

TS 11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)							
R96	<i>current version:</i> 5.1.0			WG (prime / other):	G5 / S1 /	<i>rapporteur:</i> SALMERON, Lidia		ETSI Secretariat
	<i>freeze_meeting:</i> smg-22				NP /			
					T2 /			
					SCP			
					/ G4			
				G: yes U:		MCC: SALMERON, Lidia		
	<i>history (event, available, version,</i>							
	smg-30 11/11/1999	5 . 0 . 0		get it	<i>remarks - general:</i>	2001-11-19: G4->G5.		
	smg-18 12/04/1996	5 . 0 . 0		get it	<i>remarks - this release:</i>	#32:closed GP-06: Rel-4 serves all releases.		
	ETSI publication 23/06/2000	5 . 0 . 1		get it				
	GP-06 06/09/2001	5 . 1 . 0		get it				

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Server ACTIVE specs R96 11 .- series
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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 ETSI Secretariat

freeze_meeting: smg-22

G: yes U: T3 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 over

also to withdraw the R96 version, since the R99 version will cover all

G5, and to approve a new R99 version not derived from R96 by CR; also to by CR;

editorial 15/09/2000 5 . 1 . 1
previous Releases.

withdraw the R96 version, since the R99 version will cover all previous Releases.

GP-02 30/11/2000 5 . 2 . 0

GP-04 29/03/2001 5 . 3 . 0

GP-04 11/04/2001 5 . 3 . 0

GP-06 31/08/2001 5 . 4 . 0

GP-07 09/01/2002 5 . 5 . 0

[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						
R96	<i>current version:</i> 5.9.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	ASPECTS Software Ltd			
	<i>freeze_meeting:</i> smg-27	<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
	<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>			
	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						
R96	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</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						
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,				
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</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				

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Server ACTIVE specs R96 12 .- series
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:

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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	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i>	S1	/ GP /	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S	
	<i>freeze_meeting:</i>			NP				
		<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>								
smg-07	25/06/1993	4	.	0	.	1		get it <i>remarks - general:</i>
smg-08	01/10/1993	4	.	0	.	2		get it <i>remarks - this release:</i>

TR 01.04	Abbreviations and acronyms							
Ph2	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i>	GP	/ -	<i>rapporteur:</i>	CLAYTON, Michael	ETSI Secretariat	
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>								
smg-08	01/10/1993	4	.	0	.	1		get it <i>remarks - general:</i>
smg-09	21/01/1994	4	.	0	.	3		get it <i>remarks - this release:</i>
smg-10	15/04/1994	4	.	0	.	4		get it
smg-11	01/07/1994	4	.	1	.	0		get it
smg-12	07/10/1994	4	.	1	.	1		get it
smg-14	07/04/1994	4	.	1	.	2		get it

Ph2 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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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			

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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
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[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
G: yes U: MCC: CLAYTON, Michael

VODAFONE Group Plc

[get it](#) remarks - general:

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

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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 / NP rapporteur: CHRISTOFFERSSON, TELIA PROMOTOR AB
G: yes U: MCC: POPE, Maurice

[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 Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility					
Ph2	current version: 4.9.0		WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom
	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-10 15/04/1994	4 . 6 . 0		get it	remarks - this release:	
	ETSI OAP 21/08/1995	4 . 7 . 0		get it		
	smg-16 20/10/1995	4 . 8 . 0		get it		
	smg-17 02/02/1996	4 . 9 . 0		get it		

TS 02.16	International Mobile Station Equipment Identities (IMEI)					
Ph2	current version: 4.7.1		WG (prime / other): S1 / -	rapporteur: EVEN, Anne		France Telecom
	freeze_meeting:		G: yes U:	MCC: CLAYTON, Michael		
	history (event, available, version,					
	smg-07 25/06/1993	4 . 3 . 1		get it	remarks - general:	
	smg-12 07/10/1994	4 . 4 . 0		get it	remarks - this release:	
	smg-13 27/01/1995	4 . 5 . 0		get it		
	smg-30 11/11/1999	4 . 6 . 0		get it		
	ETSI publication 07/07/2000	4 . 6 . 1		get it		
	smg-08 01/10/1993	4 . 7 . 0		get it		
	ETSI publication 28/11/2000	4 . 7 . 1		get it		

TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
Ph2	current version: 4.3.3		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	4 . 0 . 0		get it	remarks - general:	
	smg-02 30/08/2001	4 . 1 . 0		get it	remarks - this release:	167/92
	smg-05 25/06/1993	4 . 2 . 0		get it		98/93
	.. 30/08/2001	4 . 2 . 1		get it		
	smg-08	4 . 3 . 0				
	.. 01/10/1993	4 . 3 . 1		get it		
	.. 30/08/2001	4 . 3 . 2		get it		
	ETSI PE 01/11/1993	4 . 3 . 2		get it		
	ETSI publication 13/09/1994	4 . 3 . 3		get it		

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

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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				

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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 (MPPTY) 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](#)

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TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
Ph2	current version: 4.2.6	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TELIA AB
	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-16 20/10/1995 4 . 2 . 6	get it		remarks - this release: #7: 4.2.2 #16: 4.2.6		
<hr/>						
TS 02.86	Advice of Charge (AoC) Supplementary Services; Stage 1					
Ph2	current version: 4.1.5	WG (prime / other):	S1 / -	rapporteur:	CRAWFORD, Ian	VODAFONE Group Plc
	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-16 01/10/1993 4 . 1 . 5	get it		remarks - this release: #7: 4.1.1 #16: 4.1.5		
<hr/>						
TS 02.88	Call Barring (CB) Supplementary Services; Stage 1					
Ph2	current version: 4.4.3	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 . 3 . 0	get it		remarks - general:		
	smg-08 01/10/1993 4 . 4 . 0	get it		remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3		
	smg-16 27/01/1995 4 . 4 . 3	get it				
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
Ph2	current version: 4.1.1	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation
	freeze_meeting:	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-08 01/10/1993 4 . 0 . 1	get it		remarks - general:		
	smg-21 14/02/1997 4 . 1 . 0	get it		remarks - this release: #8: 4.0.1 #21: 4.1.0		
	ETSI publication 15/09/1997 4 . 1 . 1	get it				

Ph2 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

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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	ETSI Secretariat			
	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: GAASVIK, Per-Ola	COMVIQ GSM AB			
	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	ETSI Secretariat			
	freeze_meeting:			N /					
				T2	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,			G: yes U:					
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	Publication 19/01/1996	4	.	0	.	4	get it	remarks - this release: #7: 4.0.1	

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TR 03.05	Technical performance objectives								
Ph2	current version: 4.1.0			WG (prime / other): NP / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting:			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0	get it	remarks - general:	
	smg-19 28/06/1996	4	.	1	.	0	get it	remarks - this release: #7: 4.0.0 #19:4.1.0	
TS 03.07	Restoration Procedures								
Ph2	current version: 4.3.1			WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	2	.	0	get it	remarks - general:	
	smg-10 15/04/1994	4	.	3	.	0	get it	remarks - this release:	
	Publication 19/01/1996	4	.	3	.	1	get it		
TS 03.08	Organization of Subscriber Data								
Ph2	current version: 4.8.0			WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG			
	freeze_meeting:			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0	get it	remarks - general:	
	smg-08 01/10/1993	4	.	5	.	1	get it	remarks - this release:	
	smg-09 21/01/1994	4	.	6	.	0	get it		
	smg-10 15/04/1994	4	.	7	.	0	get it		
	smg-18 12/04/1996	4	.	8	.	0	get it		
TS 03.09	Handover Procedures								
Ph2	current version: 4.6.0			WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting:			G: yes U:	MCC: JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	1	.	0	get it	remarks - general:	
	smg-08 01/10/1993	4	.	2	.	0	get it	remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.2.1 #10: 4.3.0 #11: 4.4.0 #12: 4.5.0 #17: 4.6.0	
	smg-09 21/01/1994	4	.	2	.	1	get it		
	smg-10 15/04/1994	4	.	3	.	0	get it		
	smg-11 01/07/1994	4	.	4	.	0	get it		
	smg-12 07/10/1994	4	.	5	.	0	get it		
	smg-17 02/02/1996	4	.	6	.	0	get it		

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

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TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types

Ph2 *current version:* 4.3.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
Publication 13/09/1994 4 . 3 . 1 [get it](#)

TS 03.11 Technical Realization of Supplementary Services - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: 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 #10: 4.6.0 #11: 4.7.0 #12: 4.8.0 #14: 4.9.0 #18: 4.10.1
smg-10 15/04/1994 4 . 6 . 0 [get it](#)
smg-11 01/07/1994 4 . 7 . 0 [get it](#)
smg-12 07/10/1994 4 . 8 . 0 [get it](#)
smg-14 07/04/1995 4 . 9 . 0 [get it](#)
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 4 . 0 [get it](#) *remarks - this release:* #7: 4.3.0 #8: 4.4.0
Publication 13/09/1994 4 . 4 . 2 [get it](#)

TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
Publication 13/09/1994 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

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TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System								
Ph2	current version: 4.1.1	WG (prime / other):	N1 / -	rapporteur:	ZAUS, Robert	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
smg-07	25/06/1993	4	.	0	.	0	get it	remarks - general:	
smg-10	15/04/1994	4	.	1	.	0	get it	remarks - this release: #7: 4.0.0 #10: 4.1.0	
Publication	13/09/1994	4	.	1	.	1	get it		

TS 03.15	Technical Realization of Operator Determined Barring								
Ph2	current version: 4.3.1	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD			
	freeze_meeting:	G: yes	U:	MCC:	Chalmers 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	
Publication	13/09/1994	4	.	3	.	1	get it		

TS 03.16	Subscriber Data Management								
Ph2	current version: 4.2.1	WG (prime / other):	N4 / -	rapporteur:	DETTNER, Harald	SIEMENS AG			
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
smg-14	07/04/1995	4	.	1	.	0	get it	remarks - general:	
smg-16	20/10/1995	4	.	1	.	1	get it	remarks - this release: #14: 4.1.0 #16: 4.1.1 #18: 4.2.1	
smg-18	12/04/1996	4	.	2	.	1	get it		

TS 03.20	Security-related Network Functions								
Ph2	current version: 4.4.1	WG (prime / other):	S3 / NP / GP	rapporteur:	NGUYEN NGOC, Sebastien	France Telecom			
	freeze_meeting:	G: yes	U:	MCC:	POPE, Maurice				
history (event, available, version,									
smg-07	25/06/1993	4	.	2	.	1	get it	remarks - general:	
smg-10	15/04/1994	4	.	3	.	0	get it	remarks - this release:	
smg-17	02/02/1996	4	.	3	.	2	get it		
smg-21	14/02/1997	4	.	4	.	0	get it		
Publication	26/08/1997	4	.	4	.	1	get it		

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i>		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	smg-07 25/06/1993 4 . 4 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-09 21/01/1994 4 . 5 . 0	get it	<i>remarks - this release:</i> group receive mode".			
	smg-10 15/04/1994 4 . 6 . 0	get it				
	smg-11 01/07/1994 4 . 7 . 0	get it				
	smg-12 07/10/1994 4 . 8 . 0	get it				
	smg-14 07/04/1995 4 . 9 . 0	get it				
	smg-16 20/10/1995 4 . 10 . 0	get it				
	smg-17 02/02/1996 4 . 11 . 0	get it				

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i>		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	smg-18 12/04/1996 4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	smg-23 17/10/1997 4 . 3 . 0	get it				

TR 03.30	Radio Network Planning Aspects					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TELIA AB		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>			
	smg-09 21/01/1994 4 . 2 . 1	get it	<i>remarks - this release:</i> #7: 4.2.0 #9: 4.2.1 #13: 4.3.0			
	smg-13 27/01/1995 4 . 3 . 0	get it				

TS 03.38	Alphabets and language-specific information					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-10 15/04/1994 4 . 0 . 0	get it	<i>remarks - general:</i>			
	Publication 13/09/1994 4 . 0 . 1	get it	<i>remarks - this release:</i> #10: 4.0.0			

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 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

Ph2 *current version:* 4.13.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-07	25/06/1993	4	.	6	.	0	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	7	.	0	get it	<i>remarks - this release:</i>
smg-10	15/04/1994	4	.	8	.	1	get it	
smg-11	01/07/1994	4	.	9	.	0	get it	
smg-15	07/07/1995	4	.	11	.	0	get it	
smg-16	20/10/1995	4	.	12	.	0	get it	
smg-18	12/04/1996	4	.	13	.	0	get it	

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

Ph2 *current version:* 4.11.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-07	25/06/1993	4	.	4	.	1	get it	<i>remarks - general:</i>
smg-08	01/10/1993	4	.	5	.	0	get it	<i>remarks - this release:</i>
smg-09	21/01/1994	4	.	6	.	0	get it	
smg-10	15/04/1994	4	.	7	.	0	get it	
smg-11	01/07/1994	4	.	8	.	0	get it	
smg-12	07/10/1994	4	.	9	.	0	get it	
smg-13	27/01/1995	4	.	10	.	0	get it	
smg-16	20/10/1995	4	.	11	.	0	get it	

TR 03.43 Support of Videotex

Ph2 *current version:* 4.1.2 *WG (prime / other):* T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
freeze_meeting: *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	1	get it	<i>remarks - general:</i>
Editorial	19/01/1996	4	.	1	.	2	get it	<i>remarks - this release:</i>

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

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Server ACTIVE specs Ph2 03 .- series
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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	ETSI Secretariat			
	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:				
<hr/>									
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					
<hr/>									
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					
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
Ph2	current version: 4.4.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	ETSI Secretariat			
	freeze_meeting:	G: yes	U:	MCC:	RODERMUND, Friedhelm				
	history (event, available, version,								
	smg-07 25/06/1993	4 . 1 . 0		get it	remarks - general:				
	smg-08 01/10/1993	4 . 2 . 0		get it	remarks - this release:				
	smg-12 07/10/1994	4 . 2 . 1		get it					
	smg-18 12/04/1996	4 . 4 . 0		get it					

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Server ACTIVE specs Ph2 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)				
Ph2	current version: 4.6.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: RODERMUND, Friedhelm		
	history (event, available, version,				
	smg-07 25/06/1993	4 . 1 . 0	get it	remarks - general:	
	smg-08 01/10/1993	4 . 2 . 0	get it	remarks - this release: #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16: 4.6.0	
	smg-11 01/07/1994	4 . 3 . 0	get it		
	smg-12 07/10/1994	4 . 4 . 0	get it		
	smg-13 27/01/1995	4 . 5 . 0	get it		
	smg-16 20/10/1995	4 . 6 . 0	get it		

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	ETSI Secretariat	
	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		

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 03.81	Line Identification Supplementary Services; Stage 2				
Ph2	current version: 4.8.1	WG (prime / other):	N4 / -	rapporteur:	VACANT,
	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		
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
Ph2	current version: 4.8.1	WG (prime / other):	N4 / -	rapporteur:	POTHS, Annette
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				Indicate persons who left Company and wait for new One
	smg-07 25/06/1993	4 . 5 . 0	get it	remarks - general:	
	smg-08 01/10/1993	4 . 5 . 1	get it	remarks - this release:	#7: 4.5.0 #8: 4.5.1 #10: 4.6.0 #12: 4.7.0 #18: 4.8.0
	smg-10 15/04/1994	4 . 6 . 0	get it		
	smg-12 07/10/1994	4 . 7 . 0	get it		
	smg-18 12/04/1996	4 . 8 . 0	get it		
	Editorial 12/05/1996	4 . 8 . 1	get it		
<hr/>					
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2				
Ph2	current version: 4.4.1	WG (prime / other):	N4 / -	rapporteur:	SHARP, Iain
	freeze_meeting:	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				NORTEL NETWORKS (EUROPE)
	smg-07 25/06/1993	4 . 3 . 0	get it	remarks - general:	
	smg-11 01/07/1994	4 . 3 . 2	get it	remarks - this release:	#7: 4.3.0 #11: 4.3.2 #12: 4.4.0
	smg-12 07/10/1994	4 . 4 . 0	get it		
	Editorial 07/11/1994	4 . 4 . 1	get it		

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 03.84 Multi Party (MPty) 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](#)

[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: VACANT,

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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: VACANT,

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

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom
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-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release:* #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
smg-12 07/10/1994 4 . 6 . 0 [get it](#)
Editorial 07/11/1994 4 . 6 . 1 [get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* CHOTAI, Sunil mmO2 plc
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-15 07/07/1995 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #15: 4.1.0
Editorial 07/08/1995 4 . 1 . 1 [get it](#)

Ph2 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
ETSI publication 19/01/1996 4 . 0 . 4 [get it](#) *remarks - this release:* #7: 4.0.1

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration

Ph2 *current version:* 4.0.4 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: 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

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 04.03	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					

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:				

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:				

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:				Peter Skov				
		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					

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

Ph2 current version: 4.3.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 1

smg-10 15/04/1994 4 . 2 . 0

smg-12 07/10/1994 4 . 3 . 0

ETSI Publication 07/11/1997 4 . 3 . 1

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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:

[get it](#) remarks - this release: 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 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
smg-08	01/10/1993	4	.	5	.	0
smg-09	21/01/1994	4	.	6	.	0
smg-10	15/04/1994	4	.	7	.	0
smg-11	01/07/1994	4	.	8	.	0
smg-13	27/01/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
Editorial	02/03/1996	4	.	10	.	1

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

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TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: JORGENSEN, Per Johan

G: yes *U:*

MCC:

history (event, available, version,

smg-07	25/06/1993	4	.	3	.	0
smg-08	01/10/1993	4	.	4	.	0
smg-10	15/04/1994	4	.	5	.	0
smg-11	01/07/1994	4	.	6	.	0
smg-12	07/10/1994	4	.	7	.	0
smg-14	07/04/1995	4	.	8	.	0
smg-16	20/10/1995	4	.	9	.	0
smg-17	02/02/1996	4	.	10	.	0
NP-09	04/10/2000	4	.	11	.	0

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

[get it](#)

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TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov

G: yes *U:*

MCC:

history (event, available, version,

smg-07	25/06/1993	4	.	1	.	1
smg-10	15/04/1994	4	.	2	.	0
smg-11	01/07/1994	4	.	3	.	0
smg-12	07/10/1994	4	.	4	.	0
smg-16	20/10/1995	4	.	6	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.1.1 #10: 4.2.0 #11: 4.3.0 #12: 4.4.0 #16: 4.6.0

[get it](#)

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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 04.13 Performance Requirements on Mobile Radio Interface

Ph2 *current version:* 4.2.0 *WG (prime / other):* N1 / - *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-14 07/04/1995 4 . 0 . 2 [get it](#) *remarks - this release:* #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0
smg-15 07/07/1995 4 . 1 . 0 [get it](#)
smg-16 20/10/1995 4 . 2 . 0 [get it](#)

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

Ph2 *current version:* 4.6.1 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: *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:* #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published
version of ETS replacing OAP version
smg-11 01/07/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-14 07/04/1995 4 . 6 . 0 [get it](#)
published version 02/03/2000 4 . 6 . 1 [get it](#)
of ETS replacing
OAP v

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** 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* KLEHN, Norbert
SIEMENS AG
freeze_meeting: *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 2 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:* #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0
smg-13 27/01/1995 4 . 4 . 0 [get it](#)
smg-25 20/03/1998 4 . 5 . 0 [get it](#)
Editorial 20/04/1998 4 . 5 . 1 [get it](#)

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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:* KYMALAINEN, Kimmo ETSI Secretariat
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:* KYMALAINEN, Kimmo ETSI Secretariat
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:* POTHS, Annette Indicate persons who left Company and wait for new One
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](#)

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 04.83	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
smg-09	21/01/1994	4	.	5	.	0
smg-17	02/02/1996	4	.	6	.	0
Editorial	02/03/1996	4	.	6	.	1
		get it		remarks - general:		
		get it		remarks - this release:	#7: 4.4.0 #9: 4.5.0 #17: 4.6.0	
		get it				
		get it				

TS 04.84	Multi Party (MPY) Supplementary Services; Stage 3					
Ph2	current version: 4.3.2	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
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
		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	WG (prime / other):	N4 / -	rapporteur:	VACANT,	
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
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
		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	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	ETSI Secretariat
	freeze_meeting:	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
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
		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				

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

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:* HAMEL, Eric France Telecom
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.6.0 #17: 4.7.0
[get it](#)

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 ETSI Secretariat
G: yes U: *MCC:* KYMALAINEN, Kimmo
[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 NOKIA MOBILE PHONES
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 05.02 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

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remarks - general:

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remarks - this release:

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TS 05.03 Channel coding

Ph2 current version: 4.5.1

freeze_meeting:

history (event, available, version,

smg-07 25/06/1993 4 . 1 . 0

smg-13 27/01/1995 4 . 2 . 0

smg-15 07/07/1995 4 . 3 . 0

smg-21 14/02/1997 4 . 4 . 0

smg-22 13/06/1997 4 . 5 . 0

Editorial 13/07/1997 4 . 5 . 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: #7: 4.1.0 #13: 4.2.0 #15: 4.3.0 #21: 4.4.0 #22: 4.5.0

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TS 05.04 Modulation

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): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U:

MCC:

USAI, Paolino

NOKIA Corporation

[get it](#)

remarks - general:

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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 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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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:

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

TR 05.22 Radio link management in hierarchical networks
Ph2 *current version:* 4.0.0
freeze_meeting:
history (event, available, version,
smg-18 12/04/1996 4 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
remarks - this release: #18: 4.0.0

TR 05.50 Background for RF Requirements
Ph2 *current version:* 4.2.0
freeze_meeting:
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0
smg-13 27/01/1995 4 . 1 . 0
smg-17 02/02/1996 4 . 2 . 0

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #8: 4.0.0 #13: 4.1.0 #17: 4.2.0
[get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations
Ph2 *current version:* 4.3.0
freeze_meeting:
history (event, available, version,
smg-07 4 . 1 . 0
smg-08 4 . 2 . 0
ETSI publication 15/02/1994 4 . 2 . 1
smg-15 15/08/1995 4 . 3 . 0

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino ETSI Secretariat
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:
[get it](#)
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Ph2 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
Ph2 *current version:* 4.0.7
freeze_meeting:
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 2
smg-23 17/10/1997 4 . 0 . 6
ETSI Publication 07/04/1998 4 . 0 . 7

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
G: yes U: *MCC:* USAI, Paolino

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

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

3GPP specification status

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.02	Half Rate Speech Processing Functions						
Ph2	<i>current version:</i> 4.0.2		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i>		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 19/12/1995	4 . 0 . 2		get it	<i>remarks - this release:</i> #13: 4.0.0		
<hr/>							
TS 06.06	Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec						
Ph2	<i>current version:</i> 4.2.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i>		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-16 20/10/1995	4 . 0 . 2		get it	<i>remarks - this release:</i> #13: 4.0.0 #16: 4.0.2 #17: 4.1.0 #23: 4.2.0		
	smg-17 02/02/1996	4 . 1 . 0		get it			
	smg-23 17/10/1997	4 . 2 . 0		get it			
	Editorial 17/11/1997	4 . 2 . 1		get it			
<hr/>							
TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec						
Ph2	<i>current version:</i> 4.2.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i>		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-20 11/10/1996	4 . 1 . 0		get it	<i>remarks - this release:</i> #13: 4.0.0 #20: 4.1.0 #22: 4.2.0		
	smg-22 13/06/1997	4 . 2 . 0		get it			
	Editorial 13/07/1997	4 . 2 . 1		get it			
<hr/>							
TR 06.08	Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec						
Ph2	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i>		G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	smg-16 20/10/1995	4 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> #16: 4.0.0		

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

3GPP specification status

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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](#)

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

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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	ETSI Secretariat		
	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	ETSI Secretariat	
	<i>freeze_meeting:</i>	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>		
	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:		MCC:	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:		MCC:	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 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:		MCC:	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-23 17/10/1997	4 . 0 . 1		get it	<i>remarks - general:</i>		
					<i>remarks - this release: #23: 4.0.1</i>		

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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

freeze_meeting:

history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0
ETSI publication 29/09/1998 4 . 0 . 1
smg-32 20/06/2000 4 . 1 . 0
SP-10 20/12/2000 4 . 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:* #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0

[get it](#)

[get it](#)

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

Ph2 *current version:* 4.0.0

freeze_meeting:

history (event, available, version,
smg-22 13/06/1997 4 . 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: #22: 4.0.0

TS 06.60 Enhanced full rate speech transcoding

Ph2 *current version:* 4.1.1

freeze_meeting:

history (event, available, version,
smg-23 17/10/1997 4 . 0 . 0
smg-25 20/03/1998 4 . 1 . 0
ETSI Publication 24/08/2000 4 . 1 . 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:* #23: 4.0.1 #25: 4.1.0

[get it](#)

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1

freeze_meeting:

history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0
Editorial 13/07/1997 4 . 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:* #22: 4.0.0

TS 06.62 Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels

Ph2 *current version:* 4.0.1

freeze_meeting:

history (event, available, version,
smg-23 17/10/1997 4 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari

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

NOKIA Corporation

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

remarks - this release: #23: 4.0.1

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: 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: #7: 4.5.0 #8: 4.6.0 #9: 4.6.1 #10: 4.7.0 #13: 4.8.0 #15: 4.9.0 #16: 4.10.0*
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:* 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 . 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:* 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 . 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:* #7: 4.2.1 #8: 4.3.0 #12: 4.4.0 #16: 4.5.0 #17: 4.6.0 #18: 4.7.0 #20: 4.8.0
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

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ACTIVE specs Ph2 07 .- series
Server http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* TOMÉ, Olga Telefon AB LM Ericsson
freeze_meeting: *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general:*
smg-18 12/04/1996 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-24 19/12/1997 4 . 2 . 0 [get it](#)
smg-25 20/03/1998 4 . 3 . 0 [get it](#)
smg-27 16/10/1998 4 . 4 . 0 [get it](#)
Editorial 16/11/1998 4 . 4 . 1 [get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph2 *current version:* 4.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 13/09/1994 4 . 0 . 3 [get it](#) *remarks - this release:*

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph2 *current version:* 4.2.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G: yes U:* *MCC:* Peter Skov
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 1 . 0 [get it](#) *remarks - this release:*
smg-13 27/01/1995 4 . 2 . 0 [get it](#)

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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	get it	remarks - general:	
ETSI Publication	13/09/1994	4	. 0 . 3	get it	remarks - this release:	

TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Ph2	current version: 4.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-07	25/06/1993	4	. 1 . 0	get it	remarks - general:	
smg-08	01/10/1993	4	. 2 . 0	get it	remarks - this release:	
smg-09	21/01/1994	4	. 3 . 0	get it		
smg-10	15/04/1994	4	. 4 . 0	get it		
smg-12	07/10/1994	4	. 5 . 0	get it		

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph2	current version: 4.12.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting:				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
history (event, available, version,						
smg-07	25/06/1993	4	. 4 . 0	get it	remarks - general:	
smg-08	01/10/1993	4	. 5 . 0	get it	remarks - this release:	
smg-09	21/01/1994	4	. 6 . 0	get it		
smg-10	15/04/1994	4	. 7 . 0	get it		
smg-13	27/01/1995	4	. 8 . 0	get it		
smg-15	07/07/1995	4	. 9 . 0	get it		
smg-16	20/10/1995	4	. 10 . 0	get it		
smg-17	02/02/1996	4	. 11 . 0	get it		
smg-23	17/10/1997	4	. 12 . 0	get it		
ETSI Publication	23/10/1998	4	. 12 . 1	get it		

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Server ACTIVE specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
Ph2	current version: 4.2.3	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting:	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:	MCC:	Peter Skov THOMASEN, Gert				
history (event, available, version,									
smg-07	25/06/1993	4	. 0 . 1	get it	remarks - general:				
smg-13	27/01/1995	4	. 1 . 0	get it	remarks - this release:				
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:	MCC:	Peter Skov THOMASEN, Gert				
history (event, available, version,									
smg-07	25/06/1993	4	. 0 . 1	get it	remarks - general:				
smg-13	27/01/1995	4	. 1 . 0	get it	remarks - this release:				
smg-14	07/04/1995	4	. 2 . 0	get it					
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:	MCC:	Peter Skov THOMASEN, Gert				
history (event, available, version,									
smg-07	26/06/1993	4	. 0 . 1	get it	remarks - general:				
smg-13	27/01/1995	4	. 1 . 0	get it	remarks - this release:				
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:	MCC:	Peter Skov THOMASEN, Gert				
history (event, available, version,									
smg-08	01/10/1993	4	. 0 . 0	get it	remarks - general:				
ETSI Publication	13/09/1994	4	. 0 . 2	get it	remarks - this release:				

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

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Server ACTIVE specs Ph2 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification								
Ph2	current version: 4.9.0 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version,	G: yes U:	MCC: THOMASEN, Gert						
	smg-07 25/06/1993	4 . 3 . 0	get it	remarks - general:					
	smg-08 01/10/1993	4 . 4 . 0	get it	remarks - this release:	#7: 4.3.0 #8: 4.4.0 #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	current version: 4.4.1 freeze_meeting:	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino						
	smg-07 25/06/1993	4 . 1 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
	smg-13 27/01/1995	4 . 2 . 0	get it	remarks - this release:					
	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	current version: 4.0.2 freeze_meeting:	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S					
	history (event, available, version,	G: yes U:	MCC: USAI, Paolino						
	smg-13 27/01/1995	4 . 0 . 0	get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
	ETSI Publication 19/01/1996	4 . 0 . 2	get it	remarks - this release:					

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios								
Ph2	current version: 4.0.1			WG (prime / other):	N4 / -	rapporteur:	VACANT,		
	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:	#8: 4.0.0 #9: 4.0.1

TS 09.02	Mobile Application Part (MAP) Specification								
Ph2	current version: 4.19.1			WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD	
	freeze_meeting:			G: yes	U:	MCC:	Chalmers		
	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		

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

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph2	current version: 4.0.2	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	.	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 #9: 4.0.2
smg-09	21/01/1994	4	.	0	.	2	get it		

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph2	current version: 4.4.2	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	.	3	.	0	get it	remarks - general:	N3: "no R99 needed".
smg-08	01/10/1993	4	.	4	.	0	get it	remarks - this release:	#7: 4.3.0 #8: 4.4.0 #9: 4.4.1
smg-09	21/01/1994	4	.	4	.	1	get it		
ETSI Publication	13/09/1994	4	.	4	.	2	get it		

TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
Ph2	current version: Switched Data Transmission Services	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	.	3	.	0	get it	remarks - general:	N3: "no R99 needed".
smg-09	21/01/1994	4	.	4	.	0	get it	remarks - this release:	#7: 4.3.0 #9: 4.4.0 #12: 4.5.0
smg-12	07/10/1994	4	.	5	.	0	get it		

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

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Server ACTIVE specs Ph2 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								
Ph2	current version: Network (PSTN)	4.13.1	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	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-08	01/10/1993	4 . 5 . 0						get it	remarks - this release: #7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0 #18: 4.11.0 #20: 4.12.0 #27: 4.13.0
smg-09	21/01/1994	4 . 6 . 0						get it	
smg-10	15/04/1994	4 . 7 . 0						get it	
smg-13	27/01/1995	4 . 8 . 0						get it	
smg-14	07/04/1995	4 . 9 . 0						get it	
smg-16	20/10/1995	4 . 10 . 0						get it	
smg-18	12/04/1996	4 . 11 . 0						get it	
smg-20	11/10/1996	4 . 12 . 0						get it	
smg-27	16/10/1998	4 . 13 . 0						get it	
ETSI Publication	23/03/1999	4 . 13 . 1						get it	
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
Ph2	current version: 4.1.1		WG (prime / other):	N1	/-	rapporteur:	FARHOUMAND, Ericsson Incorporated		
	freeze_meeting:						Rouzbeh		
			G: yes	U:		MCC:	JORGENSEN, Per Johan		
history (event, available, version,									
smg-09	21/01/1994	4 . 0 . 0						get it	remarks - general:
smg-13	27/01/1995	4 . 1 . 0						get it	remarks - this release: #9: 4.0.0 #13: 4.1.0
Editorial	27/02/1995	4 . 1 . 1						get it	
TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph2	current version: Procedures and the Mobile Application Part (MAP)		4.4.1 WG (prime / other):	N4	/	-	rapporteur:	VACANT,	
	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 . 1 . 0						get it	remarks - this release: #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0
smg-10	15/04/1994	4 . 2 . 0						get it	
smg-17	02/02/1996	4 . 3 . 0						get it	
smg-23	17/10/1997	4 . 4 . 0						get it	
Editorial	17/11/1997	4 . 4 . 1						get it	

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom
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-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #12: 4.4.0 #13: 4.5.0 #19: 4.6.0
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-19 28/06/1996 4 . 6 . 0 [get it](#)
Editorial 28/07/1996 4 . 6 . 1 [get it](#)

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

Ph2 *current version:* 4.2.2 *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: *G: yes U:* *MCC:*

history (event, available, version,
smg-17 4 . 0 . 0 *remarks - general:* EN 300 646
ETSI vote 06/02/1997 4 . 1 . 0 [get it](#) *remarks - this release:* smg-22: 4.2.1 - SPAN1 prime resp., SMG 2nd resp. - different numbering scheme.
ETSI publication 16/05/1997 4 . 1 . 1 [get it](#)
smg-22 13/06/1997 4 . 2 . 1 [get it](#)
ETSI publication 26/05/1999 4 . 2 . 2 [get it](#)

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)

Ph2 *current version:* 4.9.0 *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-15 07/07/1995 4 . 5 . 0 [get it](#) *remarks - general:*
smg-16 ? 20/10/1995 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-19 28/06/1996 4 . 8 . 0 [get it](#)
smg-22 13/06/1997 4 . 9 . 0 [get it](#)

TS 09.91 Interworking Aspects of the SIM/ME Interface Between Phase 1 and Phase 2

Ph2 *current version:* 4.0.1 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: *G: yes U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-10 15/04/1994 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 15/05/1994 4 . 0 . 1 [get it](#) *remarks - this release:* #10: 4.0.0

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

3GPP specification status

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Server ACTIVE specs Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Ph2 *current version:* 4.6.0 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: tbd

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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[get it](#)

[get it](#)

remarks - general:

remarks - this release: v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti):
Anticipate recast as null document pointing to latest Release version.

Ph2

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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ACTIVE specs Ph2 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification

Ph2 current version: 4.29.0

WG (prime / other):

G5

/ S1 /

NP /

T2 /

SCP

/ G4

rapporteur: SALMERON, Lidia

ETSI Secretariat

freeze_meeting:

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.

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

Ph2 current version: 4.16.0

WG (prime / other):

G5

/ S1 /

NP /

T2 /

SCP

/ G4

rapporteur: SALMERON, Lidia

ETSI Secretariat

freeze_meeting:

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.

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3GPP specification status

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ACTIVE specs Ph2 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2 current version: 4.34.0

WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia ETSI Secretariat

freeze_meeting:

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.

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remarks - this release: GP-06: Rel-4 serves all releases.

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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 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	remarks - general:
smg-08	01/10/1993	4 . 9 . 0	get it	remarks - this release:
smg-09	21/01/1994	4 . 10 . 0	get it	
smg-10	15/04/1994	4 . 11 . 0	get it	
smg-11	01/07/1994	4 . 12 . 0	get it	
smg-12	07/10/1994	4 . 13 . 0	get it	
smg-13	27/01/1995	4 . 14 . 0	get it	
smg-15	07/04/1995	4 . 15 . 0	get it	
smg-16	20/10/1995	4 . 16 . 0	get it	
smg-18	12/04/1996	4 . 17 . 0	get it	
smg-19	28/06/1996	4 . 18 . 0	get it	
smg-22	13/06/1997	4 . 19 . 0	get it	
smg-25	20/03/1998	4 . 20 . 0	get it	
smg-29	25/06/1999	4 . 21 . 0	get it	
ETSI Publication	17/12/1999	4 . 21 . 1	get it	

TS 11.12 Specification on the 3 Volt subscriber identity module Equipment (SIM-ME) Interface

Ph2 current version: 4.3.1

WG (prime / other): T3 / - rapporteur: LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: G: yes U: MCC: DIETZE, Claus

history (event, available, version,

smg-15	07/07/1995	4 . 0 . 0	get it	remarks - general:
smg-17	02/02/1996	4 . 1 . 0	get it	remarks - this release:
ETSI vote	05/08/1996	4 . 1 . 1	get it	
ETSI publication	19/12/1996	4 . 1 . 2	get it	
smg-21	14/02/1997	4 . 2 . 0	get it	
ETSI publication	26/08/1997	4 . 2 . 1	get it	
smg-23	17/10/1997	4 . 3 . 0	get it	
ETSI publication	07/04/1998	4 . 3 . 1	get it	

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

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Server ACTIVE specs Ph2 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
Ph2	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 Electrical 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

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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	<i>remarks - general:</i>
smg-15	07/07/1995	4	.	1	.	0	get it	<i>remarks - this release:</i> #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	<i>remarks - general:</i>
smg-20	11/10/1996	4	.	1	.	0	get it	<i>remarks - this release:</i> #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0
smg-25	20/03/1998	4	.	2	.	0	get it	
smg-27	16/10/1998	4	.	3	.	0	get it	
Editorial correction	16/10/1998	4	.	3	.	1	get it	

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* 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	<i>remarks - general:</i>
smg-17	02/02/1996	4	.	1	.	0	get it	<i>remarks - this release:</i>
smg-18	12/04/1996	4	.	2	.	0	get it	
smg-20	11/10/1996	4	.	2	.	2	get it	

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

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

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

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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	<i>current version:</i> 4.2.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	smg-11 01/07/1994	4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-14 07/04/1995	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-17 02/02/1996	4 . 2 . 0	get it			
	Editorial 02/02/1996	4 . 2 . 1	get it			
<hr/>						
TS 12.04	Performance data measurements					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993	4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-11 01/07/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-13 27/01/1995	4 . 2 . 0	get it			
	smg-17 02/02/1996	4 . 3 . 0	get it			
	Editorial correction 02/02/1996	4 . 3 . 1	get it			
<hr/>						
TS 12.05	Subscriber Related Call and Event Data					
Ph2	<i>current version:</i> 4.3.1					
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993	4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-11 01/07/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-15 07/07/1995	4 . 1 . 1	get it			
	smg-17 02/02/1996	4 . 2 . 0	get it			
	smg-22 13/06/1997	4 . 3 . 0	get it			
	Editorial correction 13/06/1997	4 . 3 . 1	get it			

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

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1

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:*

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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Server ACTIVE specs Ph2 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.20 Base Station System (BSS) Management Information

Ph2 *current version:* 4.2.1 *WG (prime / other):* S5 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* ZOICAS, Adrian
history (event, available, version,
smg-09 21/01/1994 4 . 0 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #9: 4.0.0 #11: 4.1.0 #13: 4.1.1 #17: 4.2.0
smg-13 27/01/1995 4 . 1 . 1 [get it](#)
smg-17 02/02/1996 4 . 2 . 0 [get it](#)
Editorial correction 02/02/1996 4 . 2 . 1 [get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-09 21/01/1994 4 . 3 . 0 [get it](#)
smg-11 01/07/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 2 [get it](#)
ETSI publication 4 . 5 . 4
smg-21 14/02/1997 4 . 6 . 0 [get it](#)

TS 12.22 Interworking of GSM Network Management (NM) Procedures and Messages at the Base Station Controller (BSC)

Ph2 *current version:* 4.1.4 *WG (prime / other):* G3 / S5 *rapporteur:* YUHAN, Albert VoiceStream Wireless Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-11 01/07/1994 4 . 0 . 0 [get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
smg-13 27/01/1995 4 . 1 . 0 [get it](#) *remarks - this release:*
PE88 24/07/1995 4 . 1 . 1 [get it](#)
smg-16 20/10/1995 4 . 1 . 2 [get it](#)
V100 25/03/1996 4 . 1 . 3 [get it](#)
ETSI publication 04/09/1996 4 . 1 . 4 [get it](#)

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

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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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ACTIVE specs Ph2 TB .- series
Server http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: G: yes U: MCC: GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
remarks - general:
remarks - this release: #17: 4.0.0

Ph1-EXT

Ph1-EXT 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
freeze_meeting: GP Sebastien
history (event, available, version, G: yes U: MCC: POPE, Maurice
smg-07 01/01/1995 3 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: MCC: JORGENSEN, Per Johan
history (event, available, version, [get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
ETSI publication 01/01/1995 3 . 0 . 0 *remarks - this release:* Thomasen (even numbered CRs!)

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

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Server ACTIVE specs Ph1-EXT 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1-EXT 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
history (event, available, version, G: yes U: *MCC:* THOMASEN, Gert
smg-07 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.58 Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
history (event, available, version, G: yes U: *MCC:* THOMASEN, Gert
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-DCS

Ph1-DCS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.06 Types of Mobile Stations (MS)

Ph1-DC *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
freeze_meeting: CLAYTON, Michael
history (event, available, version, G: yes U: *MCC:*
01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
10/05/1994 3 . 1 . 0 [get it](#) *remarks - this release:* .
10/01/1994 3 . 2 . 0 [get it](#)

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

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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:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

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

Ph1-DCS **04** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-DC *current version:* 3.1.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: . Thomasen (even numbered CRs!)

Ph1-DCS **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

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: .

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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:

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

history (event, available, version,
03/03/1993 0 . 0 . 0

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
remarks - this release:

TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DC current version: Procedures and the Mobile Application Part (MAP)

3.0.0 WG (prime / other): N4 / - rapporteur: VACANT,

freeze_meeting:

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

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

Ph1-DCS **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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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:

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

history (event, available, version,

smg-02		3	.	2	.	0
smg-04		3	.	3	.	0
smg-08		3	.	3	.	1
smg-09		3	.	3	.	2
smg-11		3	.	3	.	3
smg-12	21/02/1994	3	.	3	.	4

remarks - general:
remarks - this release:

[get it](#)

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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: MCCA: 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: MCCA: 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

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Server ACTIVE specs Ph1 01 .- series
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,
smg-12 07/10/1994 3 . 0 . 0
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): GP / - *rapporteur:* CLAYTON, Michael ETSI Secretariat
G: yes U: MCC: USAI, Paolino
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

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

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

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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	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:	
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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					
				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					
	.. 04/01/2002					
	ETSI publication 01/01/1995					
				get it	remarks - general:	
				get it	remarks - this release:	
				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					
	.. 04/01/2002					
	ETSI publication 01/01/1995					
				get it	remarks - general:	
				get it	remarks - this release:	
				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					
				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					
				get it	remarks - general:	
					remarks - this release:	

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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
G: yes U: *MCC:* CLAYTON, Michael NORTEL NETWORKS (EUROPE)

[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
G: yes U: *MCC:* CLAYTON, Michael France Telecom

[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
G: yes U: *MCC:* CLAYTON, Michael T-MOBILE DEUTSCHLAND

[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
G: yes U: *MCC:* SULTAN, Alain COMVIQ GSM AB

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: .

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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		ETSI Secretariat
			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: GAASVIK, Per-Ola		COMVIQ GSM AB
			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		ETSI Secretariat
			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: Chalmers		
				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	current version: 3.7.0		WG (prime / other): N4 / -	rapporteur: BAUER, Rolf	ALCATEL SEL AG	
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 7 . 0				get it remarks - general: remarks - this release: .
<hr/>						
TS 03.09	Handover Procedures					
Ph1	current version: 3.2.1		WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated	
	freeze_meeting:		G: yes U:	MCC: Rouzbeh		
	history (event, available, version,			MCC: JORGENSEN, Per Johan		
	ETSI publication 01/01/1995	3 . 2 . 1				get it remarks - general: remarks - this release: .
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
Ph1	current version: 3.3.0		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 3 . 0				get it remarks - general: remarks - this release: .
<hr/>						
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
Ph1	current version: 3.1.1		WG (prime / other): N4 / -	rapporteur: HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 1 . 1				get it remarks - general: remarks - this release: .
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TS 03.12	Location Registration Procedures					
Ph1	current version: 3.3.0		WG (prime / other): N4 / -	rapporteur: GAASVIK, Per-Ola	COMVIQ GSM AB	
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 3 . 0				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 03.13	Discontinuous Reception (DRX) in the GSM System						
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i>	G1 / -	<i>rapporteur:</i>	USAI, Paolino	ETSI Secretariat	
	<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 . 0 . 2
				get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		.
<hr/>							
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System						
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i>	N1 / -	<i>rapporteur:</i>	ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>						
	ETSI publication 01/01/1995						3 . 0 . 2
				get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		.
<hr/>							
TS 03.20	Security-related Network Functions						
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i>	S3 / NP /	<i>rapporteur:</i>	NGUYEN NGOC,	France Telecom	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>	GP	<i>MCC:</i>	Sebastien POPE, Maurice		
	<i>history (event, available, version,</i>						
	ETSI publication 01/01/1995						3 . 0 . 0
	ETSI publication 01/01/1995						3 . 3 . 2
				get it	<i>remarks - general:</i>		
				get it	<i>remarks - this release:</i>		.
<hr/>							
TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)						
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>						
	smg-08						3 . 6 . 0
	smg-09 01/01/1995						3 . 7 . 0
				get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i>		.
<hr/>							
TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)						
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i>	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm		
	<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>		.

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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	current version: 3.0.1		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, ETSI publication 01/01/1995	3 . 0 . 1					get it	remarks - general: remarks - this release: .	
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph1	current version: 3.0.1		WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: RODERMUND, Friedhelm					
	history (event, available, version, ETSI publication 01/01/1995	3 . 0 . 1					get it	remarks - general: remarks - this release: .	
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph1	current version: 3.3.0		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version, smg-05 ETSI publication 01/01/1995	3 . 2 . 0 3 . 3 . 0 exists in PDF only					get it	remarks - general: remarks - this release:	
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
Ph1	current version: 3.2.1		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version, ETSI publication 01/01/1995	3 . 2 . 1					get it	remarks - general: remarks - this release:	
<hr/>									
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2								
Ph1	current version: 3.0.1		WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd				
	freeze_meeting:		G: yes U:	MCC: DIETZE, Claus					
	history (event, available, version, 09/10/1997	3 . 0 . 1					get it	remarks - general: SMG9->T3@#31 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 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
Ph1	current version: 3.4.0	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version, ETSI publication 01/01/1995 3 . 4 . 0				get it remarks - general: remarks - this release: #4: 3.2.2 #8: 3.3.0 #11: 3.4.0
<hr/>					
TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)				
Ph1	current version: 3.0.0	WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat	
	freeze_meeting:	G: yes U:	MCC: BOSWARTHICK, David		
	history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 0				get it remarks - general: N3: "no R99 needed". remarks - this release: .
<hr/>					
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2				
Ph1	current version: 3.2.1	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	Indicate persons who left Company and wait for new One	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 1				get it remarks - general: remarks - this release: .
<hr/>					
TS 03.88	Call Barring (CB) supplementary services; Stage 2				
Ph1	current version: 3.2.1	WG (prime / other): N4 / -	rapporteur: HAMEL, Eric	France Telecom	
	freeze_meeting:	G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 1				get it remarks - general: remarks - this release: .

Ph1

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
Ph1 *current version:* 3.0.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
history (event, available, version, G: yes U: *MCC:* JORGENSEN, Per Johan
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.02 GSM Public Land Mobile Network (PLMN) Access Reference Configuration
Ph1 *current version:* 3.0.2 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
history (event, available, version, G: yes U: *MCC:* JORGENSEN, Per Johan
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
Ph1 *current version:* 3.0.3 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
history (event, available, version, G: yes U: *MCC:* THOMASEN, Gert
ETSI publication 01/01/1995 3 . 0 . 3 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.04 Layer 1 - General Requirements
Ph1 *current version:* 3.3.4 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: THOMASEN, Gert
history (event, available, version, 0 . 0 . 0
ETSI publication 01/01/1995 3 . 3 . 4 [get it](#) *remarks - general:*
remarks - this release: .

TS 04.05 Data Link (DL) Layer General Aspects
Ph1 *current version:* 3.1.5 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
history (event, available, version, G: yes U: *MCC:* THOMASEN, Gert
ETSI publication 01/01/1995 3 . 1 . 5 [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: Peter Skov 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 freeze_meeting:	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general:			
			remarks - this release: .			
<hr/>						
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface					
Ph1	current version: 3.4.0 freeze_meeting:	WG (prime / other): N3 / -	rapporteur: RÄSÄNEN, Juha	NOKIA Corporation		
	history (event, available, version, ETSI publication 01/01/1995 3 . 4 . 0	G: yes U:	MCC: BOSWARTHICK, David			
		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: .			
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
Ph1	current version: 3.2.0 freeze_meeting:	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	ETSI Secretariat		
	history (event, available, version, ETSI publication 01/01/1995 3 . 2 . 0	G: yes U:	MCC: KYMALAINEN, Kimmo			
		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 freeze_meeting:	WG (prime / other): N4 / -	rapporteur: POTHS, Annette	Indicate persons who left Company and wait for new One		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 3	G: yes U:	MCC: KYMALAINEN, Kimmo			
		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:* HAMEL, Eric France Telecom
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	current version: 3.1.2		WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist		NOKIA Corporation
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 1 . 2				
			get it	remarks - general:		
				remarks - this release:		
<hr/>						
TS 05.05	Radio Transmission and Reception					
Ph1	current version: 3.16.0		WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats		
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	smg-04	3 . 14 . 0				
	smg-06b	3 . 15 . 0				
	ETSI publication 01/01/1995	3 . 16 . 0				
			get it	remarks - general:		
				remarks - this release:		
<hr/>						
TS 05.08	Radio Subsystem Link Control					
Ph1	current version: 3.8.0		WG (prime / other): G1 / -	rapporteur: EL-SAIGH, Amer		VODAFONE Group Plc
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	ETSI publication 01/01/1995	3 . 8 . 0				
			get it	remarks - general:		
				remarks - this release:		
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TS 05.10	Radio subsystem synchronization					
Ph1	current version: 3.5.1		WG (prime / other): G1 / -	rapporteur: JOKINEN, Harri		NOKIA MOBILE PHONES
	freeze_meeting:		G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,					
	smg-04 01/01/1995	3 . 5 . 1				
			get it	remarks - general:		
				remarks - this release:		

Ph1 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01	Full Rate Speech Processing Functions					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat		
	<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	ETSI Secretariat		
	<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> .			

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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 Indicate persons who left Company and wait for new One
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

Ph1 **07 .- series** Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Ph1 *current version:* 3.14.0
freeze_meeting:
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: #2: 3.14.0

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

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Server ACTIVE specs Ph1 08 .- series
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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: .
<hr/>					
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: .
<hr/>					
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			get it	remarks - general:	
	ETSI publication 01/01/1995			get it	remarks - this release:	.
	3 . 0 . 0					
	3 . 10 . 1					
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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:	MCC:		
	ETSI publication 01/01/1995					
				get it	remarks - general:	
					remarks - this release:	.
	3 . 1 . 2					
<hr/>						
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			get it	remarks - general:	
					remarks - this release:	.
	3 . 0 . 2					
<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			get it	remarks - general:	
					remarks - this release:	.
	3 . 0 . 2					
<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			get it	remarks - general:	
					remarks - this release:	.
	3 . 0 . 1					

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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 freeze_meeting:	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 1	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release: .			
<hr/>						
TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
Ph1	current version: 3.6.0 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 . 0 ETSI publication 01/01/1995 3 . 0 . 0 smg-10 01/01/1995 3 . 6 . 0	G: yes U:	MCC: THOMASEN, Gert			
		get it	remarks - general: remarks - this release: #10: 3.6.0			
		get it				
		get it				
<hr/>						
TS 08.59	BSC-BTS O&M Signalling Transport					
Ph1	current version: 3.1.0 freeze_meeting:	WG (prime / other): G3 / -	rapporteur: VACANT, USAI, Paolino			
	history (event, available, version, ETSI publication 01/01/1995 3 . 1 . 0	G: yes U:	MCC:			
		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 freeze_meeting:	WG (prime / other): G1 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, ETSI publication 01/01/1995 3 . 3 . 1	G: yes U:	MCC: USAI, Paolino			
		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	current version: 3.0.1		WG (prime / other): N4 / -	rapporteur: VACANT,					
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 0 . 1				get it	remarks - general:		
							remarks - this release:		
<hr/>									
TS 09.02	Mobile Application Part (MAP) Specification								
Ph1	current version: 3.11.0		WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD				
	freeze_meeting:		G: yes U:	MCC: KYMALAINEN, Kimmo					
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 0 . 0				get it	remarks - general: CN->N4 Apr00 (JMM)		
	ETSI publication 01/01/1995	3 . 11 . 0				get it	remarks - this release:		
<hr/>									
TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile								
Ph1	current version: Network (PLMN)	3.0.1	WG (prime / other): N3	/-	rapporteur: BOSWARTHICK, David				
	ETSI Secretariat								
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 0 . 1				get it	remarks - general: N3: "no R99 needed".		
							remarks - this release:		
<hr/>									
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph1	current version: 3.0.1		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 0 . 1				get it	remarks - general: N3: "no R99 needed".		
							remarks - this release:		
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph1	current version: 3.2.2		WG (prime / other): N3 / -	rapporteur: BOSWARTHICK, David	ETSI Secretariat				
	freeze_meeting:		G: yes U:	MCC: BOSWARTHICK, David					
	history (event, available, version,								
	ETSI publication 01/01/1995	3 . 2 . 2				get it	remarks - general: N3: "no R99 needed".		
							remarks - this release:		

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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 *current version: Network (PSTN)* 3.10.0 *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 . 10 . 0 [get it](#) *remarks - general:*
remarks - this release: #5: 3.8.0 #9: 3.9.0 #14: 3.10.0

TS 09.09 **Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN**
Ph1 *current version: 1.0.0* DRAFT *WG (prime / other):* N4 / - *rapporteur:* VAINIKKA, Jari NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
First complete 01/01/1992 1 . 0 . 0 [get it](#) *remarks - general:*
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 *current version: Procedures and the Mobile Application Part (MAP)* 3.0.2 *WG (prime / other):* N4 / - *rapporteur:* VACANT,
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 0 . 2 [get it](#) *remarks - this release:* .

TS 09.11 **Signalling Interworking for Supplementary Services**
Ph1 *current version: 3.0.1* *WG (prime / other):* N4 / - *rapporteur:* HAMEL, Eric France Telecom
freeze_meeting: G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - general:*
remarks - this release: .

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:

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

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

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Server ACTIVE specs Ph1 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.10 Maintenance Provisions for Operational Integrity of MSs

Ph1 *current version: none*
freeze_meeting:
history (event, available, version,

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

MOTOROLA Ltd

remarks - general:
remarks - this release: .

TS 12.13 Maintenance of the Mobile-services Switching Centre

Ph1 *current version: none*
freeze_meeting:
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)

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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

Rel-6

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: tbd
history (event, available, version,

WG (prime / other): S2 / *rapporteur:* JARVIS, Andre Hutchison 3G UK Limited
G: *U:* yes *MCC:* SULTAN, Alain

remarks - general: Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in
remarks - this release: .

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

TS 32.108 Telecommunication management; Subscriber and equipment trace

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

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

remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
remarks - this release: SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be 32..42x
and 52.008.
published. Replace with 32.411, 32..42x and 52.008.

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

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

TR 33.910 Feasibility study for support of TS 33.210 NDS/IP evolution

Rel-6 *current version:* none
freeze_meeting: tbd
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 TruePosition Inc.
G: yes *U:* *MCC:* USAI, Paolino

remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

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: tbd
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.

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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	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-12 27/06/2001	1 . 0 . 0	SP-010364 (replaces SP-010265)	get it	<i>remarks - general:</i>				
	SP-13 01/10/2001	2 . 0 . 0	SP-010444	get it	<i>remarks - this release:</i> SP-16: moved to Rel-6				
	SP-13 05/10/2001	5 . 0 . 0		get it					
	SP-14 10/01/2002	5 . 1 . 0		get it					
	SP-15 28/03/2002	5 . 2 . 0	TP-16: moved to Rel-6	get it					
<hr/>									
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-13 01/10/2001	2 . 0 . 0	SP-010443	get it	<i>remarks - general:</i> Replaces 22.946. Note that stage 2 is 23.246.				
	SP-13 05/10/2001	5 . 0 . 0		get it	<i>remarks - this release:</i> SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.				
	SP-14 10/01/2002	5 . 1 . 0		get it					
	SP-15 28/03/2002	5 . 2 . 0	SP-16: withdrawn.	get it					
<hr/>									
TS 22.174	Push service; Stage 1								
Rel-5	<i>current version:</i> none			<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> SP-15: Timed out of Rel-5.				

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

TS 23.121	Architectural requirements for Release 1999								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version, SP-09</i>	5 . 0 . 0							<i>remarks - general:</i>
									<i>remarks - this release:</i> Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.
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>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG			
	<i>freeze_meeting:</i> NP-15			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								<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>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.			
	<i>freeze_meeting:</i> TP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								<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>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	Hutchison 3G UK Limited			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								<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> 1.1.0	DRAFT		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> MAANSAARI, Kirsi	NOKIA KOREA			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> SULTAN, Alain				
	<i>history (event, available, version,</i>								<i>remarks - general:</i>
	draft 21/01/2002	0 . 3 . 0		get it					<i>remarks - this release:</i> -> Rel-6
	draft	0 . 5 . 0							
	SP-15 19/03/2002	1 . 0 . 0	SP-020156	get it					
	S2-24	1 . 1 . 0							

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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			<i>G:</i> yes <i>U:</i> 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> 2.0.0	DRAFT		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UDA, Nobuyuki	NTT COMWARE Corporation			
	<i>freeze_meeting:</i> SP-15			<i>G:</i> <i>U:</i> yes	<i>MCC:</i> 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			<i>G:</i> <i>U:</i> 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 acces; U = required in systems with UMTS

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

TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-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 25.887 Beamforming

Rel-5 *current version:* 1.0.0 DRAFT *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* IKEDA, Shinobu
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.

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 *WG (prime / other):* T2 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
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.

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

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:* 1.2.0 DRAFT *WG (prime / other):* N3 / *rapporteur:* SANDERS, David VODAFONE Group Plc
freeze_meeting: NP-18 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
N3-16 0 . 0 . 0 *remarks - general:*
N3-17 01/06/2001 0 . 1 . 0 N3-010185, N3-010199, N3-010201 and [get it](#) *remarks - this release:* NP-16: shifted to Rel-6.
N3-18 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:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* BAKKER, John-Luc Telcordia Technologies, Inc.
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 5 . 0 . 0 Interim step; not to be produced. See *remarks - general:*
sub-parts. *remarks - this release:* Split into sub-parts.

TS 29.198-09 Open Service Access (OSA) Application Programming Interface (API); Part 9: Generic messaging SCF

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* ,
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
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 *WG (prime / other):* N5 / *rapporteur:* ,
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: 2001-05-18: Changed to Rel-5 from Rel-4 on info from Zoicas. SP-14 stopped.

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 29.203 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.

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

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

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

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

Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-16 G: U: yes MCC: DIETZE, Claus
history (event, available, version,
TP-15 19/03/2002 0 . 0 . 2 TP-020031 [get it](#) *remarks - general:* additional rapporteur: Florence Martin.
TP-15 19/03/2002 1 . 0 . 0 TP-020075 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications

Rel-5 *current version:* 1.0.0 DRAFT WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-16 G: yes U: yes MCC: DIETZE, Claus
history (event, available, version,
TP-15 19/03/2002 0 . 1 . 0 TP-020032 [get it](#) *remarks - general:* additional rapporteur: Florence Martin
TP-15 19/03/2002 1 . 0 . 0 TP-020076 [get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

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

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-5 *current version:* 0.1.0 DRAFT WG (prime / other): S5 / NP *rapporteur:* RONKA, Kari NOKIA Corporation
freeze_meeting: SP-16 G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,
draft 08/11/2001 0 . 0 . 1 [get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
draft 26/02/2002 0 . 1 . 0 [get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

TS 32.112 Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service

Rel-5 *current version:* none WG (prime / other): S5 / *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-15 G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,
remarks - general: SP-15: stopped, no draft ever having been produced.
remarks - this release: .

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 32.113	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	Services operations management; Subscription management requirements								
Rel-5	<i>current version:</i> 0.5.5	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>								
	draft 27/06/2001 0 . 1 . 3		get it	<i>remarks - general:</i>					
	draft 21/01/2002 0 . 5 . 4		get it	<i>remarks - this release:</i> SP-15: move to Rel-6.					
	draft 28/01/2002 0 . 5 . 5		get it						
<hr/>									
TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i> -> 32.112					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John					
	<i>freeze_meeting:</i> SP-18		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>					
				<i>remarks - this release:</i> SP-15: will not exist in Rel-5.					

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 32.664	Telecommunication management; Configuration Management (CM); Kernel CM CMIP solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> WILBER, John	
	<i>freeze_meeting:</i> SP-18	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
				<i>remarks - general:</i>
				<i>remarks - this release:</i> SP-15: will not exist in Rel-5.
<hr/>				
TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
				<i>remarks - general:</i>
				<i>remarks - this release:</i> SP-17: moved to Rel-6.
<hr/>				
TS 32.682	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Information service			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
				<i>remarks - general:</i>
				<i>remarks - this release:</i> SP-17: moved to Rel-6.
<hr/>				
TS 32.683	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
	<i>history (event, available, version,</i>			
				<i>remarks - general:</i>
				<i>remarks - this release:</i> SP-17: moved to Rel-6.
<hr/>				
TS 32.684	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CMIP solution set			
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	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 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

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: tbd
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.

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

TS 44.160 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol for lu mode
Rel-5 *current version:* 5.0.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G2 / *rapporteur:* ,
G: yes U: *MCC:* THOMASEN, Gert

GP-09 22/04/2002 0 . 2 . 0 GP-020803 [get it](#) *remarks - general:* Created GP-08; see GP-020483. 2002-07-18: G1->G2.
GP-10 19/07/2002 5 . 0 . 0 [get it](#) *remarks - this release:* .

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: tbd
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.

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

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

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface

Rel-5 *current version:* 5.0.0 *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:* 4.0.0 *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.

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

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

TS 22.227 Service requirements for the Open Service Access (OSA)

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
WG (*prime / other*): S1 / - *rapporteur:* HELLSTROM, Gunnar The Swedish Handicap Institute
G: U: yes *MCC:* CLAYTON, Michael
remarks - general: Clayton Apr-2001: spec not required (see 22.127)
remarks - this release: .

TR 22.976 Study on PS domain services and capabilities

Rel-4 *current version:* 2.0.0 DRAFT
freeze_meeting: SP-11
history (event, available, version,
SP-07 17/03/2000 1 . 0 . 0 SP-000073 [get it](#) *remarks - general:* Created Jan-00
draft 09/05/2000 1 . 4 . 0 [get it](#) *remarks - this release:* 2001-12-04: Rel4->Rel-5 (Clayton).
SP-08 28/06/2000 2 . 0 . 0 [get it](#)

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:* 4.0.0
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. [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 Functional stage 2 description of location services (LCS) in UMTS

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 18/06/2002 4 . 0 . 0 withdrawn [get it](#) *remarks - general:*
remarks - this release: Kall: Apr-2001:Superseded by 23.271 for Rel-4.

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

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

TS 23.207	End to end Quality of Service (QoS) concept and architecture								
Rel-4	current version: 2.0.0	DRAFT	WG (prime / other): S2 / -	rapporteur: OYAMA, Johnson	Nippon Ericsson K.K.				
	freeze_meeting: SP-12		G: yes U: yes	MCC: SULTAN, Alain					
	history (event, available, version,								
	SP-10 31/01/2001	1 . 0 . 0	SP-000594	get it	remarks - general:				
	draft 01/02/2001	1 . 1 . 0		get it	remarks - this release:	SP-12: becomes Rel-5			
	draft 26/06/2001	1 . 7 . 3	suspicious version number!	get it					
	SP-12 26/06/2001	2 . 0 . 0	S2-011123, SP-010337	get it					
TR 23.814	Separating RR and MM specific parts of the MS Classmark								
Rel-4	current version: 4.0.0		WG (prime / other): N1 / -	rapporteur: YOKOTA, Fumihiko	Fujitsu Limited				
	freeze_meeting: SP-11		G: U: yes	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	NP-11	4 . 0 . 0	doa. Stick at R99.		remarks - general:	New after TSG#5			
					remarks - this release:	Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.			
TR 23.913	UMTS Turbo-Charger								
Rel-4	current version: 1.0.0	DRAFT	WG (prime / other): - / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)				
	freeze_meeting: SP-11		G: U: yes	MCC: ,					
	history (event, available, version,								
	N1-06 20/08/1999	0 . 0 . 1		get it	remarks - general:	New after TSG#5			
	N1-07 17/09/1999	0 . 0 . 2		get it	remarks - this release:	.			
	N1-08 29/10/1999	0 . 0 . 3		get it					
	revision 15/11/1999	0 . 1 . 0		get it					
	revision 30/11/1999	0 . 1 . 1		get it					
	NP-06 17/12/1999	1 . 0 . 0		get it					
	N1-09 03/12/1999	1 . 0 . 0		get it					

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 23.913	UMTS Turbo-Charger						
Rel-4	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ,		
	<i>history (event, available, version,</i>						
	N1-06 20/08/1999	0 . 0 . 1		get it	<i>remarks - general:</i> New after TSG#5		
	N1-07 17/09/1999	0 . 0 . 2		get it	<i>remarks - this release:</i> .		
	N1-08 29/10/1999	0 . 0 . 3		get it			
	revision 15/11/1999	0 . 1 . 0		get it			
	revision 30/11/1999	0 . 1 . 1		get it			
	NP-06 17/12/1999	1 . 0 . 0		get it			
	N1-09 03/12/1999	1 . 0 . 0		get it			

TR 23.922	Architecture for an All IP network						
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>						
	SP-11	4 . 0 . 0	abandoned July 2001		<i>remarks - general:</i> TSG#5: 1.0.0		
					<i>remarks - this release:</i> Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23,228.		

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN						
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth	TELIA AB	
	<i>freeze_meeting:</i> SP-11			<i>G:</i> yes U: yes	<i>MCC:</i> SULTAN, Alain		
	<i>history (event, available, version,</i>						
	SP-11	4 . 0 . 0			<i>remarks - general:</i>		
					<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.		

TR 23.972	Circuit switched multimedia telephony						
Rel-4	<i>current version:</i> 4.0.0			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-11				Rouzbeh		
	<i>history (event, available, version,</i>			<i>G:</i> U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	NP-11	4 . 0 . 0	doa. Stick at R99.		<i>remarks - general:</i> New after TSG#5. Minor title change TSG#7.		
					<i>remarks - this release:</i> Jorgensen Apr-2001: Doubtful whether this should be upgraded to Rel-4. May-2001: N1#17 decided not to upgrade to Rel-4.		

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

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:* 4.0.0
freeze_meeting: SP-11
history (event, available, version, GP-04 4 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* THOMAS, Rémi France Telecom
G: yes U: *MCC:* THOMASEN, Gert

remarks - general: Apr-2001: Not required. See 44.004.
remarks - this release: Apr-2001: Not required. See 44.004.

TS 24.012 Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.
G: yes U: yes *MCC:* THOMASEN, Gert

remarks - general: Transfer>TSG#4; N#9;proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: TSG#11: Replaced by 44.012 for Rel-4. R99) and shift responsibility to G2 (and should
have been N2 anyway). Agreed to
txfer to G2, but still as 24.012.

TS 24.10U UMTS Interworking and internetworking signalling aspects; Requirements for provision of UMTS services via satellite access

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: U: *MCC:*

remarks - general:
remarks - this release: .

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

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

TS 25.107	UTRA Repeater; Conformance testing								
Rel-4	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> NILSSON, Martin					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	,			
	<i>history (event, available, version,</i>								
	Start of work 01/08/2000	0 . 0 . 1					get it	<i>remarks - general:</i> -> 25.143	<i>remarks - this release:</i> Scrapped in favour of 25.143
TS 25.371	LMU signalling								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MOULY, Michel		ARGUIN Communications			
	<i>freeze_meeting:</i> SP-07		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	,			
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i> Created Jan 00; wdrwn Apr00	<i>remarks - this release:</i> First draft: Jan2000
TR 25.835	Report on hybrid ARQ type II/III								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> SITTE, Armin		SIEMENS AG			
	<i>freeze_meeting:</i> tbd		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version,</i>								
	RP-09 16/10/2000	1 . 0 . 0					get it	<i>remarks - general:</i>	<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.
TR 25.846	CPCH performance								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KWAK, Joe		Golden Bridge Technology Inc.			
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> 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> .
TR 25.924	Opportunity Driven Multiple Access (ODMA)								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LAW, Alan		VODAFONE LTD			
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ARZELIER, Claude			
	<i>history (event, available, version,</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.	
	RP-05 13/10/1999	0 . 2 . 0					get it	2002-02-25 (Van der Veen): No further interest, so spec withdrawn.	
	RP-06 17/12/1999	1 . 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 25.932	Delay budget within the access stratum								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	Motorola Inc.				
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern					
	<i>U:</i> yes								
	<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						

TR 25.933	IP transport in UTRAN								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<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>U:</i> yes								
	<i>history (event, available, version,</i>								
	draft 15/05/2000	0 . 0 . 1	get it	<i>remarks - general:</i>					
	R3-13 15/06/2000	0 . 1 . 0	get it	<i>remarks - this release:</i>	2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).				
	R3-13 15/07/2000	0 . 1 . 1	get it						
	RP-09 15/08/2000	0 . 2 . 0	get it						
	RP-10 21/12/2000	0 . 4 . 0	get it						
	RP-11 06/04/2001	1 . 0 . 0	get it						
	RP-12 05/07/2001	1 . 1 . 0	get it						
	RP-13 01/10/2001	1 . 4 . 0	get it						
	draft 13/11/2001	1 . 4 . 1	get it						
	RP-14 06/12/2001	1 . 5 . 0	get it						
	draft 02/01/2002	1 . 5 . 1	get it						
	RP-15 19/03/2002	1 . 7 . 1	get it						
	RP-15 19/03/2002	2 . 0 . 0	get it						

TR 25.938	Terminal power saving features								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CHOI, Sungho	Samsung Electronics Ind. Co., Ltd.				
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>MCC:</i> KRAUSE, Joern					
	<i>U:</i> yes								
	<i>history (event, available, version,</i>								
	draft 15/08/2000	0 . 0 . 1	get it	<i>remarks - general:</i>	R3-27: abandoned.				
	draft 05/10/2000	0 . 1 . 0	get it	<i>remarks - this release:</i>	RP-15: Withdrawal confirmed.				
	RP-10 21/12/2000	0 . 1 . 1	get it						
	RP-11 06/04/2001	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 25.951 Base Station classification (FDD)
Rel-4 *current version:* 1.1.0 DRAFT *WG (prime / other):* R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
freeze_meeting: SP-11 *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 RP-000598 [get it](#) *remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5
RP-13 01/10/2001 1 . 1 . 0 RP-010681 [get it](#)

TR 25.952 Base Station classification (TDD)
Rel-4 *current version:* 1.1.0 DRAFT *WG (prime / other):* R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
freeze_meeting: tbd *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:* 4.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
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:* 4.0.0 *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](#)

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 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> HELLSTROM, Gunnar		The Swedish Handicap Institute		
	<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-16: in "GERAN" set.				
					<i>remarks - this release:</i> TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.				
<hr/>									
TS 26.235	Packet switched conversational multimedia applications; Default codecs								
Rel-4	<i>current version:</i> 4.1.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> OJALA, Pasi		Nokia Research Center		
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	draft 01/10/2000	0 . 0 . 1		get it	<i>remarks - general:</i>				
	draft 16/11/2000	0 . 0 . 2		get it	<i>remarks - this release:</i> SP-12: withdrawn from Rel-4, moved to Rel-5.				
	SP-10 21/12/2000	1 . 0 . 0	NP-000567	get it					
	SP-11 10/04/2001	4 . 0 . 0		get it					
	SP-12	4 . 1 . 0	immediately withdrawn, becomes Rel-5						
<hr/>									
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> No work, will never appear as 4.0.0 (Usai, Mar 2001)				
<hr/>									
TR 26.920	Architectural Model for the 3G Transcoders								
Rel-4	<i>current version:</i> 0.1.1	DRAFT	<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	SP-03 26/04/1999	0 . 1 . 1		get it	<i>remarks - general:</i> 2000-01-22: S4 TFO group discontinues work on this report.				
					<i>remarks - this release:</i> .				

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

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

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Server WITHDRAWN specs Rel-4 28 .- series
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.

Rel-4 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.801 Overall Project Plan

Rel-4 *current version:* 1.1.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain ETSI Secretariat
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
draft 30/07/1999 0 . 1 . 0 [get it](#) *remarks - general:*
draft 30/08/1999 0 . 2 . 0 [get it](#) *remarks - this release:* 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 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:*
SP-09 4 . 0 . 0 *remarks - this release:* 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 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / - *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* SULTAN, Alain
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

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

TR 30.806	Project plan on Location based services								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					
<hr/>									
TR 30.808	Project plan on Packet Architecture and Circuit Architecture								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich	SIEMENS AG				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					
<hr/>									
TR 30.810	Project plan on Security								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 24/10/1999	1 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					
<hr/>									
TR 30.812	Project plan on Services and Service platforms								
Rel-4	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SCHMERSEL, Rob	CELLPOINT SYSTEMS AB				
	<i>freeze_meeting:</i> SP-11		<i>G:</i> U: yes	<i>MCC:</i> SULTAN, Alain					
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1 . 0 . 0							
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#11: Work stopped.					

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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WITHDRAWN specs Rel-4 31 .- series
Server http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-15 28/03/2002 4 . 0 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#) *remarks - general:*
valid. *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12 [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:* 0.0.4 DRAFT *WG (prime / other):* S5 / - *rapporteur:* KOBYLARZ, Thaddeus AT&T Corp.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-06 17/12/1999 0 . 0 . 1 [get it](#) *remarks - general:*
SP-08 23/06/2000 0 . 0 . 2 [get it](#) *remarks - this release:* New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.
SP-09 28/09/2000 0 . 0 . 3 [get it](#)
draft 10/10/2000 0 . 0 . 4 SP-12: Rel-4 withdrawn. [get it](#)

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
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:* SP-08: split into eight parts
remarks - this release: SP-12: withdrawn. See 32.300.

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	TOVINGER, Thomas	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	ZHOU, Di	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including NRM) version 1								
Rel-4	<i>current version:</i> NRM) version 1	<i>WG (prime / other):</i>	none	<i>rapporteur:</i>	TOVINGER, Thomas				
	Telefon AB LM Ericsson	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>freeze_meeting:</i> SP-12								
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				
<hr/>									
TS 32.106-6	Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1								
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i>	S5 / -	<i>rapporteur:</i>	ZHOU, Di	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12	G:	U: yes	<i>MCC:</i>	ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	TSG#8: split into eight parts				
				<i>remarks - this release:</i>	SP-12: withdrawn.				

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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:* 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 32.106-8 Telecommunication management; Configuration Management (CM); Part 8: Name convention for Managed Objects

Rel-4 *current version:* 4.0.0 *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.

TS 32.111 3G Fault Management

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.a.
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: TSG#8: split into 4 parts
remarks - this release: .

TS 32.112-1 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements

Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* ,
freeze_meeting: tbd *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,

SP-12 2 . 0 . 0 SP-010285

remarks - general: SP-12: stopped. See 32.311.
remarks - this release: .

TS 32.112-2 Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service

Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* ,
freeze_meeting: tbd *G:* U: yes *MCC:* SULTAN, Alain
history (event, available, version,

SP-12 2 . 0 . 0 SP-010285

remarks - general: SP-12: stopped. See 32.312.
remarks - this release: .

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TS 32.140	Services operations management; Subscription management requirements								
Rel-4	<i>current version:</i> 0.1.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.				
	<i>freeze_meeting:</i> NP-13								
	<i>history (event, available, version, draft</i> 01/08/2000	0 . 1 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
			get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i> TSG#8:0.1.0 but associated WI not approved. NP-12: moved to rel-5.					
<hr/>									
TS 32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, SP-12</i> 18/06/2001	2 . 0 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
			get it	<i>remarks - general:</i> Replaces 32.106 (pars). SP-12: stopped. See 32.301.					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated				
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, SP-12</i> 18/06/2001	2 . 0 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
			get it	<i>remarks - general:</i> Replaces 32.106- 2SP-12: stopped. See 32.302.					
				<i>remarks - this release:</i> .					
<hr/>									
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> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHEER, Randal	Lucent Technologies				
	<i>freeze_meeting:</i> SP-11								
	<i>history (event, available, version, SP-12</i> 18/06/2001	2 . 0 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
			get it	<i>remarks - general:</i> Replaces 32.106-3 SP-12: stopped. See 32.303.					
				<i>remarks - this release:</i> .					
<hr/>									
TS 32.301-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> tbd								
	<i>history (event, available, version, SP-12</i> 18/06/2001	2 . 0 . 0	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian					
			get it	<i>remarks - general:</i> Replaces 32.106-4 SP-12: stopped. See 32..304.					
				<i>remarks - this release:</i> .					

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TS 32.312-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,					
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
								<i>remarks - general:</i> -> 32.111	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.402	Telecommunication management; Performance Management (PM); Performance measurements - GSM								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> NENNER, Karl-Heinz	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> tbd		G: yes U:	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	1 . 0 . 0						<i>remarks - general:</i> was 32.104 (pars). SP-13: replaced by 52.402.	
	SP-13 11/10/2001	2 . 0 . 0	SP-010467 approved as 52.042	get it				<i>remarks - this release:</i>	
<hr/>									
TS 32.601-1	Telecommunication management; Configuration Management (CM); Part 1: Basic CM Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> tbd		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: stopped. See 32.601.	
								<i>remarks - this release:</i> .	
<hr/>									
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> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 18/06/2001	2 . 0 . 0		get it				<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic Configuration Management Integration Reference Point (IRP): CORBA solution set								
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
	<i>history (event, available, version,</i>								
	SP-12 18/06/2001	2 . 0 . 0		get it				<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.	
								<i>remarks - this release:</i> .	

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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> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12	18/06/2001	2	.	0 . 0
			get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.604.
				<i>remarks - this release:</i>	.

TS 32.602-1	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk CM Integration Reference Point (IRP) requirements				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,	
	<i>freeze_meeting:</i> tbd		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12	18/06/2001	2	.	0 . 0
			get it	<i>remarks - general:</i>	SP-12: stopped. See 32.611.
				<i>remarks - this release:</i>	.

TS 32.602-2	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): Information				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,	
	<i>freeze_meeting:</i> tbd		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12	18/06/2001	2	.	0 . 0
			get it	<i>remarks - general:</i>	SP-12: stopped. See 32.612.
				<i>remarks - this release:</i>	.

TS 32.602-3	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CORBA				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,	
	<i>freeze_meeting:</i> tbd		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12	18/06/2001	2	.	0 . 0
			get it	<i>remarks - general:</i>	SP-12: stopped. See 32.613.
				<i>remarks - this release:</i>	.

TS 32.602-4	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CMIP				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> ,	
	<i>freeze_meeting:</i> tbd		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12	18/06/2001	2	.	0 . 0
			get it	<i>remarks - general:</i>	SP-12: stopped. See 32.614.
				<i>remarks - this release:</i>	.

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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 2.0.0 DRAFT *WG (prime / other):* S5 / *rapporteur:* ,
freeze_meeting: tbd 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:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: tbd G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.621.
remarks - this release: .

TS 32.620-2 Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): NRM

Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: tbd G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.
remarks - this release: .

TS 32.620-3 Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: tbd G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
remarks - this release: .

TS 32.620-4 Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) CMIP solution set

Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: tbd G: yes U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.624.
remarks - this release: .

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

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> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.631.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.621-2	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): NRM				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.621-3	Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): CORBA solution set				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> tbd		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.621-4	Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		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 32.107 (pars) SP-12: stopped. See 32.634.	
				<i>remarks - this release:</i> .	
<hr/>					
TS 32.622-1	Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> tbd		G: U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).SP-12: stopped. See 32.641.	
				<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
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.622-2	Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): NRM				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.
				<i>remarks - this release:</i>	.
<hr/>					
TS 32.622-3	Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): CORBA solution set				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
				<i>remarks - this release:</i>	.
<hr/>					
TS 32.622-4	Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): CMIP solution set				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.107 (pars) SP-12: stopped. See 32.644.
				<i>remarks - this release:</i>	.
<hr/>					
TS 32.623-1	Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> tbd		<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.651.
				<i>remarks - this release:</i>	.
<hr/>					
TS 32.623-2	Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): NRM				
Rel-4	<i>current version:</i> 2.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> tbd		<i>G:</i> yes U:	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.
				<i>remarks - this release:</i>	.

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 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: tbd *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:* 2.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: tbd *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: .

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:* 0.3.5 DRAFT *WG (prime / other):* S3 / - *rapporteur:* ESCOTT, Adrian Hutchison 3G UK Limited
freeze_meeting: tbd *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
draft 0 . 3 . 5 *remarks - general:* 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely
any more work will be done on it.

TR 33.900 Guide to 3G security

Rel-4 *current version:* none *WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
remarks - general:
remarks - this release:

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

TS 41.001 GSM Specification set
Rel-4 *current version:* 1.0.0 DRAFT *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
SP-10 03/12/2000 1 . 0 . 0 [get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.
remarks - this release: ->41.102

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:* 4.0.0 *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version,
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:* 4.0.0 *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0 withdrawn at TP-12 [get it](#) *remarks - general:* TP-12: Becomes 22.048.
remarks - this release: TP-12: Becomes 22.048.

TS 42.053 Tandem Free Operation (TFO); Service description; Stage 1
Rel-4 *current version:* none *WG (prime / other):* S4 / *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
remarks - general: Scrapped - see 22.053, Rel-4 onwards.
remarks - this release:

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 43.063 Packet Data on Signalling channels service (PDS) Service description, Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

TS 43.071 Location services (LCS); Stage 2
Rel-4 *current version:* 4.0.0 *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G: yes U:* *MCC:* SULTAN, Alain
history (event, available, version, SP-11 4 . 0 . 0 *remarks - general:* Superseded by 23.271 Rel-4.
remarks - this release: Superseded by 23.271 Rel-4.

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.008 Mobile radio interface layer 3 specification
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15 [get it](#) *remarks - general:*
remarks - this release: withdrawn at NP-15.

TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version, NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

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

Rel-4 **48** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.062 Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3

Rel-4 *current version: none* WG (prime / other): S4 / - *rapporteur:* USAI, Paolino ETSI Secretariat
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: tbd G: yes U: *MCC:* Peter Skov
history (event, available, version, JORGENSEN, Per Johan

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-4 **50** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status

Rel-4 *current version: none* WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,

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	current version: 4.0.0		WG (prime / other): S2 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
	freeze_meeting: SP-11		G: yes U:	MCC: SULTAN, Alain			
	history (event, available, version, SP-11	4 . 0 . 0	not to be produced			remarks - general: Apr 2001 - Sultan:no Rel-4 will exist	
						remarks - this release: Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.	
TS 50.089	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;						
Rel-4	current version: none		WG (prime / other): GP / -	rapporteur: ISAACS, Ken	SIEMENS AG		
	freeze_meeting: SP-11		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					remarks - general:	
						remarks - this release: Usai Apr-2001: will never be produced.	
TR 50.099	GERAN project plan and open issues						
Rel-4	current version: 0.0.16	DRAFT	WG (prime / other): GP / -	rapporteur: MUELLER, Frank	Telefon AB LM Ericsson		
	freeze_meeting: SP-11		G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					remarks - general: 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as	
	draft 09/10/2000	0 . 0 . 1	get it			remarks - this release: GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly Rel-5.	
	draft 06/11/2000	0 . 0 . 2	get it			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

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 51.014 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 ASPECTS Software Ltd
freeze_meeting: SP-11 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: 4.1.0* WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,

SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13 [get it](#) *remarks - general:*

SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be [get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

R00

R00 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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Server WITHDRAWN specs R00 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68 Voice Group Call Service (VGCS); Stage 1
R00 *current version:* 9.0.0
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:* 9.0.0
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:* 9.0.0
freeze_meeting: SP-11
history (event, available, version,
smg-32 16/01/2001 9 . 0 . 0

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC, France Telecom
GP
G: yes U: *MCC:* POPE, Maurice

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

TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2
R00 *current version:* none
freeze_meeting:
history (event, available, version,

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

remarks - general: -> 43.051
remarks - this release: .

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

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.59 Location services (LCS) GERAN; Stage 2
R00 current version: 0.0.1 DRAFT
freeze_meeting:
history (event, available, version, draft 30/05/2000 0 . 0 . 1

WG (prime / other): G1 / - rapporteur: LIVINGSTON, Margaret NOKIA Corporation
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
remarks - this release: replaced by 43.059

TS 03.68 Voice Group Call Service (VGCS); Stage 2
R00 current version: 9.0.0
freeze_meeting:
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): N1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

TS 03.69 Voice Broadcast service (VBS); Stage 2
R00 current version: 9.0.0
freeze_meeting:
history (event, available, version, smg-30 20/06/2000 9 . 0 . 0

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.069v4.0.0

R00 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol
R00 current version: 9.0.0
freeze_meeting:
history (event, available, version, smg-32 20/06/2000 9 . 0 . 0

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

[get it](#) remarks - general:
remarks - this release: Aug00: replaced by 44.018

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

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Server WITHDRAWN specs R00 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.68 Group Call Control (GCC) Protocol
R00 *current version:* 9.0.0 *freeze_meeting:*
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 >44.069v4.0.0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

TS 04.69 Broadcast Call Control (BCC) protocol
R00 *current version:* 9.0.0 *freeze_meeting:*
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 ->44.069v4.0.0

WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* JORGENSEN, Per Johan

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

R00 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification
R00 *current version:* 9.0.0 *freeze_meeting:*
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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #32:9.0.0 Aug00: replaced by 48.008
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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

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Server WITHDRAWN specs R00 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues
R00 *current version:* 0.0.5 DRAFT *WG (prime / other):* / *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: *G: yes U:* *MCC:*
history (event, available, version, draft (as 10.99) 30/05/2000 0 . 0 . 5 [get it](#) *remarks - general:*
remarks - this release: .

R00 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part1: Conformance specification
R00 *current version:* 9.0.1 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat
freeze_meeting: 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:* 9.0.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat
freeze_meeting: 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:* 2001-11-19: G4->G5.
Tdoc 7-00-276; P-00-266 *remarks - this release:* #32:9.0.0->51.010-3v4.0.0

R00 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

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

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Server WITHDRAWN specs R00 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)

R00 *current version:* 0.1.0 DRAFT *WG (prime / other):* R3 / - *rapporteur:* PARK, Jin Hyo SK TELECOM
freeze_meeting: G: U: yes *MCC:* KRAUSE, Joern
history (event, available, version,
draft 15/08/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 21/09/2000 0 . 1 . 0 RP-000642 [get it](#) *remarks - this release:* -> Rel-4

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R99 *current version:* 8.0.0 *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar ETSI Secretariat
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:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* MESSIET, Samira ALCATEL S.A.
freeze_meeting: SP-06 G: yes U: *MCC:* CLAYTON, Michael
history (event, available, version,
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: CTS is dead duck

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network(PLMN)								
R99	<i>current version:</i> 8.2.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
<i>history (event, available, version,</i>									
smg-28	12/02/1999	8 . 0 . 0	get it	<i>remarks - general:</i>					
smg-29	25/06/1999	8 . 1 . 0	get it	<i>remarks - this release:</i> TSG#6: ->3G					
smg-30	25/10/2001	8 . 2 . 0	get it						
ETSI publication	30/10/2001	8 . 2 . 1	get it						
<hr/>									
TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
<i>history (event, available, version,</i>									
smg-29	25/06/1999	8 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND					
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
<i>history (event, available, version,</i>									
smg-30	11/11/1999	8 . 0 . 0	get it	<i>remarks - general:</i>					
	withdrawn			<i>remarks - this release:</i> #30: 8.0.0 TSG#6->3g					
<hr/>									
TS 02.04	General on Supplementary Services								
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael						
<i>history (event, available, version,</i>									
smg-28	12/02/1999	8 . 0 . 0	get it	<i>remarks - general:</i>					
smg-29	26/06/1999	8 . 1 . 0	get it	<i>remarks - this release:</i>					
	withdrawn (becomes 22.004)								

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

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07	Mobile Station (MS) Features								
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David		VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	8 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-30 11/11/1999	8 . 1 . 0	withdrawn. The text for 02.07 was	get it	<i>remarks - this release:</i> TSG#6: withdrawn				
			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.						
<hr/>									
TS 02.32	Immediate Service Termination (IST); 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			
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> POPE, Maurice		One			
	<i>history (event, available, version,</i>								
	Upgrade to R99 14/02/2000	8 . 0 . 0		get it	<i>remarks - general:</i>				
	ETSI publication 05/06/2001	8 . 0 . 1		get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 22.032 R99.				
<hr/>									
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1								
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation			
	<i>freeze_meeting:</i> SP-06		G: yes U:	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</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		G: yes U:	<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.				

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 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0

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

[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:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99

03 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01 Network Functions

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0

WG (prime / other): S2 / NP *rapporteur:* GAASVIK, Per-Ola COMVIQ GSM AB
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general:* SMG3->SA2 @ TSG#7
remarks - this release: Never produced; make do with R98 version.

TS 03.35 Immediate Service Termination (IST); Stage 2

R99 *current version:* 8.1.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0
SP-11 04/04/2001 8 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-16: withdrawn in favouf of 23.035 R99.

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 03.43 Support of Videotex
R99 *current version:* 8.0.0 *freeze_meeting:* SP-06
history (event, available, version, frozen at v7 20/11/2000 8 . 0 . 0 (withdrawn))

WG (prime / other): T2 / - *rapporteur:* DI TRIA, Paolo Telecom Italia Lab S.p.A.
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: Frozen at v7

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R99 *current version:* 8.0.0 *freeze_meeting:* SP-06
history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0)

WG (prime / other): T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: Sticks at v7

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R99 *current version:* 8.0.0 *freeze_meeting:* SP-06
history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0)

WG (prime / other): T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

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

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)
R99 *current version:* 8.0.0 *freeze_meeting:* SP-06
history (event, available, version, Upgrade to R99 30/06/2000 8 . 0 . 0)

WG (prime / other): T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
Friedhelm
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
remarks - this release: clamped at v7

TS 03.56 GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2
R99 *current version:* 8.0.0 *freeze_meeting:* SP-06
history (event, available, version, Upgrade to R99 01/05/2000 8 . 0 . 0)

WG (prime / other): S2 / - *rapporteur:* ROBERTS, Martin Nortel
G: yes U: *MCC:* SULTAN, Alain

[get it](#) *remarks - general:*
remarks - this release: Never produced; make do with R98 version.

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

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Server WITHDRAWN specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
G: yes U: *MCC:* ,

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

R99 **05** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
G: yes U: *MCC:* USAI, Paolino

remarks - general: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
remarks - this release: Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.
Changed from G2 to G1 at same time.
R99 will not be produced (source: Usai 2001-01-05)

R99 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 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: #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 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* 8.0.0 *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:* 8.0.0 *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:* 8.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
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

TS 09.07 General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone

R99 *current version:* Network (PSTN) 8.0.0 *WG (prime / other):* N3 / - *rapporteur:* 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)

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

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Server WITHDRAWN specs R99 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling

R99 *current version:* 8.0.0 *WG (prime / other):* SPA / N4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc
freeze_meeting: SP-06 *G: yes U:* MCC:
history (event, available, version,
WITHDRAWN 29/05/2000 8 . 0 . 0 [get it](#) *remarks - general:* EN 302 646
remarks - this release: May00: Possibly no need for an update.

TS 09.18 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 8.0.0 *WG (prime / other):* N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
freeze_meeting: SP-06 *G: yes U:* MCC: JORGENSEN, Per Johan
history (event, available, version,
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)

TR 09.94 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: tbd *G: yes U:* MCC: JORGENSEN, Per Johan
history (event, available, version,
remarks - general:
remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version. 2002-05-07 (Hietalahti): scrap R99 in favour of 29.994.

R99 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.43 Support of Localised Service Area (SoLSA); Work Item Status

R99 *current version:* 1.11.0 DRAFT *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.

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

3GPP specification status

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Server WITHDRAWN specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)
R99 *current version:* 8.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* 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:* 1.0.0 DRAFT *WG (prime / other):* S4 / *rapporteur:* ,
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:* 0.0.6 DRAFT *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

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
R99 *current version:* 8.0.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat
freeze_meeting: SP-06 NP /
T2 /
SCP
/ G4
G: yes U: *MCC:* SALMERON, Lidia
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: proposed, but nya; flagged as withdrawn at SMG#32 to make life easier

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

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Server WITHDRAWN specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.010 reserved
R99 *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:* 1.0.0 DRAFT
freeze_meeting: SP-06
history (event, available, version,
SP-08 28/06/2000 1 . 0 . 0
[get it](#) *remarks - general:* Knobbled prior to SA#8.
remarks - this release:

TS 21.906 reserved
R99 *current version:* 3.0.0
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 ETSI Secretariat
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:* 3.1.0
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.

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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:* 3.0.0
freeze_meeting: SP-11
history (event, available, version, SP-06 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
G: yes *U:* yes *MCC:* USAI, Paulino

remarks - general: Transfer>TSG#4.
remarks - this release: 2001-01-22: Scrapped. 02.53 is retained.

TR 22.907 Terminal concepts

R99 *current version:* 3.1.3
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:* 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 . 2 . 1
WG approval 15/02/1997 2 . 0 . 0
Under TB change 20/03/1998 3 . 0 . 0
control
TB approval 15/02/1999 3 . 1 . 0
SP-03 23/04/1999 3 . 1 . 1

WG (prime / other): - / - *rapporteur:* MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.
G: *U:* yes *MCC:* ,

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

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TR 22.925	Quality of Service (QoS) and network performance				
R99	<i>current version:</i> 3.1.1		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> ERIKSSON, Olle	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-03		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	First complete 13/06/1997	1 . 1 . 0	get it	<i>remarks - general:</i>	
	WG approval 19/12/1997	2 . 0 . 0	get it	<i>remarks - this release:</i> .	
	TB approval 20/03/1998	3 . 0 . 0	get it		
	SP-03 23/04/1999	3 . 1 . 1	get it		

TR 22.960	Mobile multimedia services				
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-03		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	Table of Contents 17/10/1997	0 . 0 . 4	get it	<i>remarks - general:</i>	
	and Scope			<i>remarks - this release:</i> .	
	First complete 19/12/1997	1 . 0 . 0	get it		
	WG approval 15/02/1997	2 . 0 . 0	get it		
	SP-03 23/04/1999	3 . 0 . 1	get it		withdrawn

TR 22.970	Virtual Home Environment Report				
R99	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i> SP-03		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	Table of Contents 19/10/1997	0 . 0 . 7	get it	<i>remarks - general:</i>	
	and Scope			<i>remarks - this release:</i> .	
	First complete 19/12/1997	1 . 0 . 0	get it		
	WG approval 15/02/1998	2 . 0 . 0	get it		
	TB approval 20/03/1998	3 . 0 . 0	get it		
	SP-03 23/04/1999	3 . 0 . 1	get it		

TR 22.972	Circuit-switched multimedia				
R99	<i>current version:</i> 0.0.0	DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		<i>G:</i> U: yes	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>				
	First complete 23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i> Title grows "cct sw".	
				<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11)	

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010	GSM Public Land Mobile Network (PLMN) Connection Types				
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DETTNER, Harald	SIEMENS AG	
	freeze_meeting: SP-08	G: U: yes	MCC: ,		
history (event, available, version,					
SP-03 30/05/1999	3 . 0 . 0	get it	remarks - general: superseded by 23.910		
			remarks - this release: TSG#7:3.0.0 - later scrapped		
<hr/>					
TS 23.022	Functions related to Mobile Station (MS) in idle mode and group receive mode				
R99	current version: 3.1.0	WG (prime / other): - / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: SP-06	G: yes U: yes	Peter Skov		
history (event, available, version,			MCC: ,		
SP-03 23/04/1999	3 . 0 . 0	get it	remarks - general: Superseded by 23.122		
SP-04 23/06/1999	3 . 1 . 0	get it	remarks - this release: 3.1.0 dates from June 99		
<hr/>					
TS 23.043	Support of Videotex				
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DETTNER, Harald	SIEMENS AG	
	freeze_meeting: SP-08	G: U: yes	MCC: ,		
history (event, available, version,					
SP-03 30/05/1999	3 . 0 . 0	get it	remarks - general:		
			remarks - this release: 3.0.0 Apr 99 - later scrapped		
<hr/>					
TS 23.044	Support of Teletex				
R99	current version: 3.0.0	WG (prime / other): - / -	rapporteur: DETTNER, Harald	SIEMENS AG	
	freeze_meeting: SP-08	G: U: yes	MCC: ,		
history (event, available, version,					
SP-03 30/05/1999	3 . 0 . 0	get it	remarks - general:		
			remarks - this release: 3.0.0 Apr 99 - later scrapped		

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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> 3.0.0	WG (prime / other):	- / -	<i>rapporteur:</i>	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-08	G:	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 facsimile Group 3 service - non-transparent								
R99	<i>current version:</i> 3.0.0	WG (prime / other):	- / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-06	G:	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> 3.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	ROSTÖ, Tommy	TELIA AB			
	<i>freeze_meeting:</i> SP-03	G: yes	U: 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>	
								<i>remarks - this release:</i> NP-13: withdrawn.	
<hr/>									
TS 23.069	Voice Broadcast service (VBS); Stage 2								
R99	<i>current version:</i> 3.0.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	DETTNER, Harald	SIEMENS AG			
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	JORGENSEN, Per Johan				
<i>history (event, available, version,</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> 3.0.0	WG (prime / other):	- / -	<i>rapporteur:</i>	KOSYDAR, L	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-03	G: yes	U: yes	<i>MCC:</i>	,				
<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	

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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	current version: 3.1.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	NP-03	3 . 0 . 0	remarks - general:	GSM only for R99.	
	NP-04	3 . 1 . 0	remarks - this release:	GSM only for R99.	

TS 24.069	Broadcast Call Control (BCC) protocol				
R99	current version: 3.1.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: SP-06	G: U: yes	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	NP-03	3 . 0 . 0	remarks - general:	GSM only for R99.	
	NP-04	3 . 1 . 0	remarks - this release:	GSM only for R99.	

TS 24.094	Follow Me; Stage 3				
R99	current version: none	WG (prime / other): - / -	rapporteur: BERGMANN, Ansgar	ETSI Secretariat	
	freeze_meeting: SP-06	G: U: yes	MCC: ,		
	history (event, available, version,				
			remarks - general:	TF139 proposes to abandon; not needed. USSD does all.	
			remarks - this release:	USSD does all. No draft expected.	

R99 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.053	Tandem Free Operation (TFO); Service description; Stage 2				
R99	current version: none	WG (prime / other): - / -	rapporteur: MEREDITH, John M	ETSI Secretariat	
	freeze_meeting: SP-06	G: yes U: yes	MCC: ,		
	history (event, available, version,				
			remarks - general:	No draft. Anyway, should have been 23.053.	
			remarks - this release:	no draft ever materialised	

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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> 2.0.0	DRAFT	<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> 1.4.0	DRAFT	<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> 3.3.0		<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> 3.0.0		<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> 1.2.0	DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-07		<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ,				
	<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		
TS 26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements							
R99	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-07		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>							
	SP-03 26/04/1999	1 . 0 . 0				get it	<i>remarks - general:</i>	
	SP-04 23/06/1999	1 . 1 . 0				get it	<i>remarks - this release:</i>	
TS 26.115	Echo control for speech and multi-media services							
R99	<i>current version:</i> 0.0.1	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	ETSI Secretariat			
	<i>freeze_meeting:</i> SP-07		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> USAI, Paolino				
	<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.	
TS 26.121	Technical Specification for Tandem Free Operation within 3G networks							
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain	Cingular Wireless LLC			
	<i>freeze_meeting:</i> SP-08		<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ,				
	<i>history (event, available, version,</i>							
							<i>remarks - general:</i>	
							<i>remarks - this release:</i> .	

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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	current version: none freeze_meeting: SP-07 history (event, available, version,	WG (prime / other): - / - G: U: yes	rapporteur: OHANA, Alain MCC: ,	Cingular Wireless LLC	remarks - general: remarks - this release: .
TS 26.133	Wide band speech telephony terminal acoustic characteristics	R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: BARRETT, Paul MCC: USAI, Paolino	Indicate persons who left Company and wait for new One	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .
TS 26.134	Wide band speech telephony terminal acoustic test specification	R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: BARRETT, Paul MCC: USAI, Paolino	Indicate persons who left Company and wait for new One	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony	R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S4 / G: yes U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	ETSI Secretariat	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .
TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony	R99	current version: none freeze_meeting: SP-06 history (event, available, version,	WG (prime / other): S4 / G: U: yes	rapporteur: USAI, Paolino MCC: USAI, Paolino	ETSI Secretariat	remarks - general: Stopped: Included in 26.131 & '132. remarks - this release: .

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 ETSI Secretariat
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 ETSI Secretariat
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:* 0.0.1 DRAFT *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:* 3.0.0 *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

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Server WITHDRAWN specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.004	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<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>	N3 indicates not required for R99, so revert to 09.04 R98.			
					<i>remarks - this release:</i>				
<hr/>									
TS 29.005	Interworking between the Public Land Mobile Network (PLMN) and the Packet Switched Public Data Network (PSPDN) for Packet Assembly/Disassembly (PAD) facility access								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat			
	<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>	N3 indicates not required for R99, so revert to 09.05 R98.			
					<i>remarks - this release:</i>				
<hr/>									
TS 29.006	Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BRAUN, Achim	Indicate persons who left Company and wait for new			
	<i>freeze_meeting:</i> SP-03					One			
	<i>history (event, available, version,</i>			<i>G:</i> yes U: yes	<i>MCC:</i>	,			
	SP-03 23/04/1999	3	.	0	.	0			
				get it	<i>remarks - general:</i>	N3 indicates not required for R99, so revert to 09.06 R98.			
					<i>remarks - this release:</i>	withdrawn NP-06			

R99 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900	SIM/USIM internal and external interworking aspects								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> KALINER, Stefan	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> TP-12			<i>G:</i> U: yes	<i>MCC:</i>	DIETZE, Claus			
	<i>history (event, available, version,</i>								
	TP-11 05/04/2001	1	.	0	.	0			
				Thought to have been approved as	get it	<i>remarks - general:</i>			
				3.0.0, but in fact was not! (JMM after		<i>remarks - this release:</i>	TP-16: withdrawn; only Rel-5 remains valid.		
				Sanders 2001-05-16)					
	TP-12	2	.	0	.	0			
	TP-12 06/07/2001	3	.	0	.	0			
	TP-13 12/10/2001	3	.	1	.	0			
	TP-15 28/03/2002	3	.	2	.	0			
				TP-16: withdrawn; only Rel-5 remains	get it				
				valid.					

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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: 3.0.1
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 [get it](#) remarks - general: TSG#8: split into eight parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) remarks - this release: SP-08: multipart split from parent 3.0.1
SP-07 2 . 0 . 0
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#) withdrawn SP-08

TS 32.111 3G Fault Management

R99 current version: 3.2.0
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 [get it](#) remarks - general: TSG#8: split into 4 parts
SP-06 17/12/1999 1 . 1 . 0 [get it](#) remarks - this release: TSG#8: multipart split from parent 3.0.1
SP-07 17/03/2000 3 . 0 . 0 [get it](#)
Editorial 17/03/2000 3 . 0 . 1 [get it](#)
SP-08: split into 23/06/2000 3 . 1 . 0 [get it](#)
parts
Formatting 18/07/2000 3 . 2 . 0 [get it](#)

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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>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-10		G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-10		G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-10		G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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>	3.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael
VODAFONE Group Plc									
	<i>freeze_meeting:</i>	SP-11		G:	<i>U:</i>	yes	<i>MCC:</i>	POPE, Maurice	
	<i>history (event, available, version,</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.		

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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> 3.2.0		<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			

TR 00.02U	Coordination guideline for SMG on UMTS with respect to ITU and European research programmes				
UMTS	<i>current version:</i> 3.0.0		<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> 3.1.0		<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> RICHARDS, Derek	Megisto Systems Inc.
	<i>freeze_meeting:</i>		<i>G:</i> yes <i>U:</i>	<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 01.04)

UMTS *current version:* 3.0.0 *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:* 1.0.0 DRAFT *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:* 3.0.0 *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:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories
freeze_meeting: G: U: MCC: USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

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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	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S		
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>								
	smg-22 13/06/1997	3	.	0	.	0			
	ETSI publication 03/11/1998	3	.	0	.	1			<i>remarks - general:</i>
									<i>remarks - this release:</i>
TS 21.04U	Requirements for the support of data services in UMTS								
UMTS	<i>current version:</i> 1.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> HOLLEY, Kevin		mmO2 plc		
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i>	<i>MCC:</i> ,			
	<i>history (event, available, version,</i>								
	draft 17/01/2000	1	.	0	.	0			<i>remarks - general:</i>
									<i>remarks - this release:</i> #26: 0.0.2 or perhaps as 1.0.0
TR 21.06U	O&M requirements for the UMTS								
UMTS	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WEICHSELBAUM, Steffen		Vodafone D2 GmbH		
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i>	<i>MCC:</i> ,			
	<i>history (event, available, version,</i>								
	First complete 19/10/1997	1	.	0	.	0			<i>remarks - general:</i>
	Milestone 1 19/12/1997	1	.	1	.	2			<i>remarks - this release:</i>
	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	<i>current version:</i> 1.3.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VERRIER, David		France Telecom		
	<i>freeze_meeting:</i>			<i>G:</i>	<i>U:</i>	<i>MCC:</i> ,			
	<i>history (event, available, version,</i>								
	smg-27	1	.	0	.	0			<i>remarks - general:</i>
	draft 24/11/1998	1	.	3	.	0			<i>remarks - this release:</i>

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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	current version: 3.3.0	WG (prime / other): - / -	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-21 3 . 0 . 0				remarks - this release:
	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	current version: 3.1.0	WG (prime / other): - / -	rapporteur: PUGA PEREIRA, Emmanuel	France Telecom	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-25 3 . 0 . 0				remarks - this release:
	smg-26 01/07/1998 3 . 1 . 0				
TR 22.07U	UMTS terminal and smart card concepts				
UMTS	current version: 3.1.1	WG (prime / other): - / -	rapporteur: SMOLANDER, Jouni	NOKIA Corporation	
	freeze_meeting:	G: yes U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-25 3 . 0 . 0				remarks - this release:
	smg-27 3 . 1 . 0				
	edito 29/10/1998 3 . 1 . 1				
TS 22.21U	Virtual Home Environment				
UMTS	current version: none	WG (prime / other): - / -	rapporteur: OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
					remarks - this release: .
TS 22.24U	Charging and Accounting Mechanism				
UMTS	current version: 3.0.0	WG (prime / other): - / -	rapporteur: CHAMBERS, David	MOTOROLA Ltd	
	freeze_meeting:	G: U:	MCC: ,		
	history (event, available, version,				remarks - general:
	smg-25 28/05/1998 3 . 0 . 0				remarks - this release: #25: 3.0.0

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Server WITHDRAWN specs UMTS 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.25U Quality of Service (QoS) and network performance

UMTS *current version:* 3.1.0
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: .

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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:</i> none	WG (prime / other):	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	G: U:		MCC:		
	<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:</i> none	WG (prime / other):	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	G: U:		MCC:		
	<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:</i> none	WG (prime / other):	/	<i>rapporteur:</i>	,	
	<i>freeze_meeting:</i>	G: U:		MCC:		
	<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:</i> 3.0.0	WG (prime / other):	- / -	<i>rapporteur:</i>	AHNBERG, Tomas	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	G: U:		MCC:	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/1998 3 . 0 . 0			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	#25: 3.0.0	
<hr/>						
TS 22.70U	Virtual Home Environment					
UMTS	<i>current version:</i> 3.0.0	WG (prime / other):	- / -	<i>rapporteur:</i>	OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited	
	<i>freeze_meeting:</i>	G: U:		MCC:	,	
	<i>history (event, available, version,</i>					
	smg-25 28/05/2001 3 . 0 . 0			<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> 3.0.1		<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>				
	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		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FISCHER, Ralf	ROBERT BOSCH GmbH
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i>	<i>MCC:</i> ,
	<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> 3.0.0		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KLEIER, Stephan	Vodafone D2 GmbH
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i>	<i>MCC:</i> ,
	<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> 2.0.1	DRAFT	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i>		<i>G:</i>	<i>U:</i>	<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			

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

TR 22.80U	UMTS Relationship to other Standards					
UMTS	<i>current version:</i> 2.0.1	DRAFT		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND
	<i>freeze_meeting:</i>			<i>G:</i> 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

TS 23.01U	UMTS Network principles					
UMTS	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OLSSON, Magnus	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>					
	smg-27	24/02/1999	3 . 0 . 0			<i>remarks - general:</i>
						<i>remarks - this release:</i> #27: for info

TS 23.05U	UMTS Network principles					
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> .

TS 23.10U	UMTS Access Stratum; Services and Functions					
UMTS	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i>			<i>G:</i> U:	<i>MCC:</i> ,	
	<i>history (event, available, version,</i>					
	smg-27	24/02/1999	3 . 0 . 0			<i>remarks - general:</i>
						<i>remarks - this release:</i> #27: for info

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Server WITHDRAWN specs UMTS 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.20U Evolution of the GSM platform towards UMTS
UMTS *current version:* 1.0.0 DRAFT
freeze_meeting:
history (event, available, version, smg-27) 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* JARVIS, Andre
G: *U:* *MCC:* SULTAN, Alain Hutchison 3G UK Limited

remarks - general:
remarks - this release: #27: for info

TS 23.40U UMTS Network Aspects; Relationship with UPT
UMTS *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:*

remarks - general:
remarks - this release: .

TS 23.50U UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment
UMTS *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:*

remarks - general:
remarks - this release: .

TS 23.60U UMTS Network Aspects; UMTS data organization
UMTS *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): / *rapporteur:* ,
G: *U:* *MCC:*

remarks - general:
remarks - this release: .

TS 23.70U UMTS Network Aspects; UMTS operations and procedures
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 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.80U UMTS Network Aspects; Signalling requirements for UMTS

UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

TS 23.90U UMTS Network Aspects; Network performance requirements

UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

TS 23.95U UMTS Network Aspects; Network functions relevant to satellites

UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

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

TS 24.05U UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems

UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

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

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

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Server WITHDRAWN specs UMTS 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U UMTS Radio Aspects; Multiplexing and multiple access

UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

TS 25.10U UMTS Radio Aspects; Channel coding

UMTS *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): / rapporteur: ,
G: U: MCC:

remarks - general:
remarks - this release: .

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

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

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Server WITHDRAWN specs UMTS 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.15U Source coding aspects Aspects; Integration of audio visual coding into UMTS

UMTS *current version:* none *WG (prime / other):* / *rapporteur:* ,
freeze_meeting: G: U: MCC:
history (event, available, version,
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:* 1.2.1 DRAFT *WG (prime / other):* S5 / - *rapporteur:* GABE, Axel SIEMENS AG
freeze_meeting: G: U: MCC: ZOICAS, Adrian
history (event, available, version,
First complete 01/05/1996 1 . 2 . 1
remarks - general:
remarks - this release: .

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

TR 30.00U SMG - UMTS Work programme

UMTS *current version:* 3.6.1 *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
freeze_meeting: G: U: MCC: ,
history (event, available, version,
smg-21 3 . 0 . 0 *remarks - general:*
smg-22 3 . 1 . 0 *remarks - this release:* #21: 3.0.0 #22: 3.1.0 #23: 3.2.0 #24: 3.3.0 #25: 3.4.0 #26: 3.5.0 #27: 3.6.1
smg-23 3 . 2 . 0
smg-24 3 . 3 . 0
smg-25 3 . 4 . 0
smg-26 07/07/1998 3 . 5 . 0
smg-27 3 . 6 . 1

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

3GPP specification status

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.01U UMTS Baseline document: Collection of the SMG's positions on the UMTS

UMTS *current version:* 3.5.1 *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
freeze_meeting: *G:* *U:* *MCC:* ,
history (event, available, version,
smg-22 3 . 0 . 0 *remarks - general:*
smg-23 3 . 1 . 0 *remarks - this release:* #22: 3.0.0 #23: 3.1.0 #24: 3.2.0 #25: 3.3.0 #26: 3.4.0 #27: 3.5.1
smg-24 3 . 2 . 0
smg-25 07/07/1998 3 . 3 . 0
smg-26 3 . 4 . 0
post smg-27 08/08/2002 3 . 5 . 1

TR 30.02U Experience from GSM standardisation to be applied at UMTS standardisation

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G:* *U:* *MCC:* ,
history (event, available, version,
remarks - general:
remarks - this release: .

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *current version:* 3.2.0 *WG (prime / other):* GP / - *rapporteur:* BLANC, Patrick ALCATEL CIT
freeze_meeting: *G:* *U:* *MCC:* USAI, Paolino
history (event, available, version,
TC change control 13/06/1997 3 . 0 . 0 *remarks - general:*
smg-23 17/10/1997 3 . 1 . 0 *remarks - this release:* #23: 3.1.0 #25: 3.2.0
smg-25 20/03/1998 3 . 2 . 0

TR 30.04U Definition of the limited number of UTRA concepts

UMTS *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G:* *U:* *MCC:* Peter Skov
history (event, available, version,
First complete 01/06/1997 1 . 0 . 0 *remarks - general:*
smg-22 14/06/1997 3 . 0 . 0 *remarks - this release:* #22: 3.0.0
ETSI publication 03/11/1998 3 . 0 . 1

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

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.05U UMTS terminology
UMTS *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* ,

remarks - general:
remarks - this release: .

TR 30.06U UTRA Concept Evaluation Reports
UMTS *current version:* 3.0.0
freeze_meeting:
history (event, available, version,

WG (prime / other): GP / - *rapporteur:* USAI, Paolino
G: *U:* *MCC:* USAI, Paolino

ETSI Secretariat

First complete 01/12/1997 1 . 0 . 0
smg-24 15/12/1997 3 . 0 . 0

remarks - general:
remarks - this release: #24: 3.0.0

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS
UMTS *current version:* 3.1.0
freeze_meeting:
history (event, available, version,

WG (prime / other): - / - *rapporteur:* RAPELI, Juha
G: *U:* *MCC:* ,

PHILIPS CONSUMER COMMUNICATION

Creation of WI by 13/06/1997 2 . 0 . 0
WG/TB
TB approval 30/08/1997 3 . 0 . 0
smg-24 19/12/1997 3 . 1 . 0

remarks - general:
remarks - this release: #24: 3.1.0

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

TR 32.01U Overall principles of the OAM for the UMTS
UMTS *current version:* 1.0.0 DRAFT
freeze_meeting:
history (event, available, version,

WG (prime / other): SMG / - *rapporteur:* SZELAZEK, Bill
G: *U:* yes *MCC:* SULTAN, Alain

Hutchison 3G UK Limited

smg-22 1 . 0 . 0

remarks - general:
remarks - this release: No progress since SMG#22.

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

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:* 3.0.0
freeze_meeting:
history (event, available, version,
smg-19 13/06/1997 3 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* ,

remarks - general:
remarks - this release: #19: 3.0.0

TS 33.21U Security requirements

UMTS *current version:* 3.0.0
freeze_meeting:
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

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* ,

remarks - general:
remarks - this release: #27: for info

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

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Server WITHDRAWN specs UMTS 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.21U Security requirements

UMTS *current version: 3.0.0*

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: 7.2.0*

freeze_meeting: smg-29

WG (prime / other): SP / - rapporteur: BERGMANN, Ansgar ETSI Secretariat

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

SP-15: withdrawn since SMG and PT-SMG no longer exist.

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

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

[get it](#)

[get it](#)

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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:* 7.0.0
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 *current version:* 1.6.0 DRAFT *WG (prime / other):* - / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* *MCC:* ,
history (event, available, version,
draft 14/03/1997 0 . 0 . 0 [get it](#) *remarks - general:* replaced by 08.62
draft 16/02/1998 1 . 0 . 0 [get it](#) *remarks - this release:* #25: 1.0.0 for info #27: 1.6.0 for info
draft 27/03/1998 1 . 1 . 0 [get it](#)
draft 13/07/1998 1 . 2 . 1 [get it](#)
draft 31/07/1998 1 . 3 . 0 [get it](#)
draft 17/09/1998 1 . 3 . 5 [get it](#)
draft 18/09/1998 1 . 4 . 0 [get it](#)
draft 28/09/1998 1 . 5 . 0 [get it](#)
draft 05/10/1998 1 . 6 . 0 [get it](#)

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)
R98 *current version:* 7.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, ETSI Secretariat
freeze_meeting: smg-29 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 withdrawn SP-09 [get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: TSG#9:withdrawn cos contains misleading information/references

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

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Server WITHDRAWN specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.71 Project scheduling and open issues: Location services (LCS)

R98 current version: 7.0.0

freeze_meeting: smg-29

WG (prime / other): S1 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)

G: yes U: MCC: CLAYTON, Michael

history (event, available, version,

Maui	17/01/1999	0	.	0	.	0
Maui	20/01/1999	0	.	0	.	1
Chicago	31/01/1999	0	.	0	.	2
Chicago	04/02/1999	1	.	0	.	0
Cambridge	10/06/1999	2	.	0	.	0
Dallas	09/07/1999	2	.	0	.	1
San Diego	21/07/1999	2	.	0	.	2
Dallas	03/09/1999	2	.	0	.	3
King of Prussia	14/09/1999	2	.	0	.	4
Phoenix &	30/10/1999	2	.	0	.	5
Clearwater						
Raleigh	03/11/1999	2	.	0	.	6
smg-30	11/11/1999	2	.	0	.	6
Phoenix	29/11/1999	2	.	0	.	7
smg-30 bis	06/12/1999	2	.	0	.	7
Colorado Spring	03/01/2000	2	.	0	.	8
Dallas	05/01/2000	2	.	0	.	9
smg-31	24/01/2001	2	.	1	.	0
Puerto Vallarta	26/01/2000	3	.	0	.	0
smg-29	25/06/1999	7	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #29: 7.0.0 #30: 2.0.6! #30b: 2.0.7 #31:2.1.0. 2001-01-24 Clayton: withdrawn.

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

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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: 1.6.0	DRAFT	WG (prime / other): S2 / -	rapporteur: APRATH, Stefan	Vodafone D2 GmbH	
	freeze_meeting: smg-29		G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,					
	draft 08/02/1997	0 . 0 . 0	get it	remarks - general:		
	draft 24/03/1997	0 . 1 . 0	get it	remarks - this release: July 2002: abandoned		
	draft 27/03/1997	0 . 1 . 1	get it			
	draft 09/04/1997	0 . 1 . 2	get it			
	draft 07/05/1997	0 . 2 . 0	get it			
	smg-22 10/06/1997	1 . 0 . 0	get it			
	draft 19/06/1997	1 . 1 . 0	get it			
	draft 09/07/1997	1 . 2 . 0	get it			
	draft 10/09/1997	1 . 3 . 0	get it			
	smg-23 10/10/1997	1 . 3 . 2	get it			
	draft 22/10/1997	1 . 4 . 0	get it			
	draft 02/12/1997	1 . 5 . 0	get it			
	draft 04/06/1998	1 . 6 . 0	get it			
	smg-25 10/03/1998	1 . 6 . 0	get it			abandoned

TS 10.78	Project scheduling and open issues: CAMEL					
R98	current version: 1.6.0	DRAFT	WG (prime / other): S2 / -	rapporteur: APRATH, Stefan	Vodafone D2 GmbH	
	freeze_meeting: smg-29		G: yes U:	MCC: SULTAN, Alain		
	history (event, available, version,					
	draft 08/02/1997	0 . 0 . 0	get it	remarks - general:		
	draft 24/03/1997	0 . 1 . 0	get it	remarks - this release: July 2002: abandoned		
	draft 27/03/1997	0 . 1 . 1	get it			
	draft 09/04/1997	0 . 1 . 2	get it			
	draft 07/05/1997	0 . 2 . 0	get it			
	smg-22 10/06/1997	1 . 0 . 0	get it			
	draft 19/06/1997	1 . 1 . 0	get it			
	draft 09/07/1997	1 . 2 . 0	get it			
	draft 10/09/1997	1 . 3 . 0	get it			
	smg-23 10/10/1997	1 . 3 . 2	get it			
	draft 22/10/1997	1 . 4 . 0	get it			
	draft 02/12/1997	1 . 5 . 0	get it			
	draft 04/06/1998	1 . 6 . 0	get it			
	smg-25 10/03/1998	1 . 6 . 0	get it			abandoned

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

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Server WITHDRAWN specs R98 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

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

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 / *rapporteur:* SALMERON, Lidia ETSI Secretariat
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).

G = required in systems with GERAN acces; 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 11.10-3	Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	G: yes U:	MCC: SALMERON, Lidia		
			<i>remarks - general:</i> 2001-11-19: G4->G5. <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version).		

TS 11.10-4	Mobile Station (MS) Conformance Specification; Part 4: SIM Application Toolkit conformance specification				
R98	<i>current version:</i> none <i>freeze_meeting:</i> smg-29	<i>WG (prime / other):</i> G5 / G4, T3	<i>rapporteur:</i> SALMERON, Lidia	ETSI Secretariat	
	<i>history (event, available, version,</i>	G: yes U:	MCC: SALMERON, Lidia		
			<i>remarks - general:</i> 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take <i>remarks - this release:</i> Place holder; no draft ever produced (refer to Phase 2 version). over this spec		

from G5, and to approve a new R99 version not derived from R96

by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

R97

R97 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> BERGMANN, Ansgar	ETSI Secretariat	
		G: yes U:	MCC: POPE, Maurice		
			<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 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.31 Fraud Information Gathering System (FIGS); Service requirements; Stage 0
R97 *current version: none* *freeze_meeting: smg-26* *WG (prime / other): S3 / -* *rapporteur: WRIGHT, Tim* Indicate persons who left Company and wait for new One
history (event, available, version, *G: yes U: MCC: POPE, Maurice*
remarks - general:
remarks - this release: No spec this version.

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31 Fraud Information Gathering System (FIGS); Service description; Stage 1
R97 *current version: none* *freeze_meeting: smg-26* *WG (prime / other): S3 /* *rapporteur: WRIGHT, Tim* Indicate persons who left Company and wait for new One
history (event, available, version, *G: yes U: MCC: POPE, Maurice*
remarks - general:
remarks - this release: No spec this Release

TS 02.33 Lawful Interception (LI); Stage 1
R97 *current version: none* *freeze_meeting: smg-26* *WG (prime / other): S3 /* *rapporteur: MCKIBBEN, Bernie* MOTOROLA GmbH
history (event, available, version, *G: yes U: MCC: POPE, Maurice*
remarks - general:
remarks - this release: (No spec this Release)

TS 02.38 SIM application toolkit (SAT); Stage 1
R97 *current version: none* *freeze_meeting: smg-26* *WG (prime / other): S1 / SCP* *rapporteur: CARPENTER, Paul* Research In Motion Limited
history (event, available, version, *G: yes U: MCC: CLAYTON, Michael*
remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

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

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: 6.0.0 WG (prime / other): N4 / SPA rapporteur: KYMALAINEN, Kimmo ETSI Secretariat
freeze_meeting: smg-26 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: 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: 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: 0.7.1 DRAFT WG (prime / other): - / - rapporteur: NAPER, Hans Petter MOTOROLA GmbH
freeze_meeting: smg-26 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: .

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

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

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Server WITHDRAWN specs R97 04 .- series
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:* 0.2.0 DRAFT *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

TS 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: .

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:* 1.0.0 DRAFT *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: .

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

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Server WITHDRAWN specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

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: 6.0.0 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: 0.0.2 DRAFT 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: .

TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS

R97 current version: 1.0.0 DRAFT WG (prime / other): - / - rapporteur: HEATON, Graham Aether Systems Inc.
freeze_meeting: smg-26 G: yes U: MCC: ,
history (event, available, version, smg-25 20/03/1998 1 . 0 . 0
[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: 6.0.0 WG (prime / other): S3 / - rapporteur: MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-26 G: yes U: MCC: POPE, Maurice
history (event, available, version, smg-27 16/10/1998 6 . 0 . 0
[get it](#) remarks - general: Replaced by 01.33.
remarks - this release: SMG#27:6.0.0; replaced by 01.33

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

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Server WITHDRAWN specs R97 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R97 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:*
freeze_meeting: smg-26 *G: yes U:* MCC: SULTAN, Alain
history (event, available, version, 6 . 0 . 0
smg-25 *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 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat
freeze_meeting: smg-26 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).

TS 11.10-3 Mobile Station (MS) Conformance Specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R97 *current version:* none *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia ETSI Secretariat
freeze_meeting: smg-26 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).

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

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Server WITHDRAWN specs R97 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

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): G5 / G4, T3 *rapporteur:* SALMERON, Lidia ETSI Secretariat

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

history (event, available, version,

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

from G5, and to approve a new R99 version not derived from R96

by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.

TS 11.56 CTS phase 1, CTS Fixed Part Tests

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): - / - *rapporteur:* MATTISSON, Leif Telefon AB LM Ericsson

G: yes *U:* *MCC:* ,

history (event, available, version,

remarks - general:
remarks - this release: .

R97

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP *rapporteur:* TRUSS, Michael MOTOROLA Ltd

G: yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version,

remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / NP *rapporteur:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND

G: yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version,

remarks - general:
remarks - this release: No spec

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

R96

R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG								
R96	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> BERGMANN, Ansgar	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-19 28/06/1996	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-25 20/03/1998	5 . 2 . 0	SP-15: withdrawn since SMG and PT-SMG no longer exist.	get it					
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0								
R96	<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> smg-22		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	smg-23 17/10/1997	5 . 0 . 0	withdrawn, smg-25	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> #25: withdrawn				
TR 01.50	Radio Local Loop (RLI) using GSM								
R96	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat				
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	draft 07/11/1995	1 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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Server WITHDRAWN specs R96 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.51 Dual mode of operation and roaming

R96 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

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

remarks - general:
remarks - this release: .

TS 01.61 General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-23 5 . 0 . 0 SMG-25 withdrawn

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

VODAFONE Group Plc

remarks - general:
remarks - this release: #25: withdrawn

TS 01.78 Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0

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: .

R96 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.18 Interworking with non-GSM applications on the SIM to be accessed via the GSM network

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / *rapporteur:* SCHMIDT, Günter
G: yes U: MCC: DETEMOBIL GMBH

remarks - general:
remarks - this release: .

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

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.25	GSM - DCS roaming: Requirements and Stage 1 descriptions				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> LE ROUX, Alain	France Telecom
	<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 02.26	Operation of multi-band GSM/DCS 1800 network by a single operator				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> LJUNGGREN, Tommy	Northstream AB
	<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 02.27	DECT access to GSM networks				
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 02.28	UPT phase 1				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> KOSYDAR, L	Indicate persons who left Company and wait for new One
	<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 02.29	Inter operation with UPT phase 2				
R96	<i>current version: none</i>	<i>WG (prime / other):</i>	/	<i>rapporteur:</i> TÖPFER, Armin	Vodafone D2 GmbH
	<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>	

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

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TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R96	<i>current version:</i> 5.0.0 <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>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	draft 13/05/1997 1 . 0 . 0	get it	<i>remarks - general:</i>			
	draft 01/10/1997 2 . 0 . 0	get it	<i>remarks - this release:</i> #23: 5.0.0 #26:5.0.0 withdrawn			
	smg-23 17/10/1997 5 . 0 . 0 withdrawn	get it				
TS 02.33	Lawful Interception (LI); Stage 1					
R96	<i>current version:</i> 5.0.0 <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	smg-19 1 . 0 . 0		<i>remarks - general:</i>			
	smg-20 2 . 0 . 0		<i>remarks - this release:</i>			
	smg-20 11/10/1996 5 . 0 . 0 withdrawn SMG-25	get it				
TS 02.35	Universal access to freephone numbers; Stage 1					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> /	<i>rapporteur:</i> COX, Alan	VODAFONE Group Plc		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 02.36	Premium rate services; Stage 1					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> /	<i>rapporteur:</i> TÖPFER, Armin	Vodafone D2 GmbH		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i>			
			<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 02.37	ISDN based DECT/GSM Interworking					
R96	<i>current version:</i> none <i>freeze_meeting:</i> smg-22	<i>WG (prime / other):</i> /	<i>rapporteur:</i> BERGMANN, Ansgar	ETSI Secretariat		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</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 02.73 Malicious Call Identification (MCID) - stage 1
R96 *current version: none* WG (prime / other): / rapporteur: SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 02.77 Emergency call TS12 with additional data transfer
R96 *current version: none* WG (prime / other): / rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

TS 02.87 User-to-User Signalling (UUS) Service Description; Stage 1
R96 *current version: 5.3.0* 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-18	12/04/1996	5	.	0	.	0	get it	<i>remarks - general:</i> <i>remarks - this release: #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn</i>
smg-20	11/10/1996	5	.	1	.	0	get it	
smg-21	14/02/1997	5	.	2	.	0	get it	
edito	19/01/1996	5	.	2	.	1	get it	
smg-23	17/10/1997	5	.	3	.	0	get it	

TS 02.92 Call Forward Enhancements (CFE) - Stage 1 description
R96 *current version: none* WG (prime / other): / rapporteur: RENAUD, Nicolas GEMPLUS Card International
freeze_meeting: smg-22 G: yes U: MCC:
history (event, available, version,

remarks - general:
remarks - this release: .

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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> 5.5.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat		
	<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> 5.0.0	<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> 5.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat		
	<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> .	

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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): /
G: yes U:

rapporteur: CHAPMAN, Neil
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:* 5.0.0
freeze_meeting: smg-22

WG (prime / other): N4 / SPA
N /
T2
G: yes U:

rapporteur: KYMALAINEN, Kimmo
MCC: KYMALAINEN, Kimmo

ETSI Secretariat

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:* 0.4.0
freeze_meeting: smg-22

DRAFT

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

rapporteur: APRATH, Stefan
MCC:

Vodafone D2 GmbH

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

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

rapporteur: TÖPFER, Armin
MCC:

Vodafone D2 GmbH

history (event, available, version,

remarks - general:
remarks - this release: .

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

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Server WITHDRAWN specs R96 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> 5.0.0	<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/>									
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> 5.0.0	<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> 5.3.0	<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-24	5 . 2 . 0							
	smg-25	5 . 3 . 0	withdrawn, SMG-25						
<hr/>									
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2								
R96	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino						
	<i>history (event, available, version,</i>								
	smg-23	5 . 1 . 0		<i>remarks - general:</i>					
	smg-24	5 . 2 . 0	withdrawn SMG-25	<i>remarks - this release:</i> .					
<hr/>									
TS 03.94	Follow Me Service description; Stage 2								
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.					
	<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> .					

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.95 Support of Private Numbering Plan (SPNP); Stage 2

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: SHARP, Iain
G: yes U: MCC:

NORTEL NETWORKS (EUROPE)

remarks - general:
remarks - this release: Scrapped Jan 98.

TS 03.98 New barring services; Stage 2 description

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VAN DER AREND,
G: yes U: MCC: ,

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

TS 03.99 Direct Subscriber Access and Restriction (DSAR); Stage 2

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / rapporteur: VAN DER AREND,
G: yes U: MCC: ,

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

R96

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.36 Premium rate services - stage 3

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): / rapporteur: TÖPFER, Armin
G: yes U: MCC:

Vodafone D2 GmbH

remarks - general:
remarks - this release: .

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Server WITHDRAWN specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997 5 . 0 . 0				get it <i>remarks - general:</i>
	smg-24 19/12/1997 5 . 1 . 0				get it <i>remarks - this release:</i> #25: withdrawn
<hr/>					
TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDTCP)				
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> SALKINTZIS, Apostolis	MOTOROLA GmbH	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:	JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>				
	smg-23 17/10/1997 5 . 0 . 0				get it <i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.
	smg-24 19/12/1997 5 . 1 . 0				get it <i>remarks - this release:</i> #25: withdrawn
<hr/>					
TS 04.70	Payphone services - stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> CLAYTON, Michael	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 04.73	Malicious Call Identification (MCID); Stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>freeze_meeting:</i> smg-22	G: yes U:	MCC:		
	<i>history (event, available, version,</i>				
					<i>remarks - general:</i>
					<i>remarks - this release:</i> .
<hr/>					
TS 04.78	Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> /	<i>rapporteur:</i> VAN DER AREND,	Koninklijke KPN N.V.	
	<i>freeze_meeting:</i> smg-22	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 R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.79 Support of optimal routing; Stage 3

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

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

rapporteur: VAN DER AREND,
MCC:

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

TS 04.98 New barring services; Stage 3

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

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

rapporteur: VAN DER AREND,
MCC:

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

TS 04.99 Direct subscriber access and restriction; Stage 3

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

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

rapporteur: VAN DER AREND,
MCC:

Koninklijke KPN N.V.

remarks - general:
remarks - this release: .

R96

05 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.00 Service to GSM handportables in trains

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

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

rapporteur: VOSKAR, Paul
MCC: ,

NOKIA UK 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 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.18 R96	Hands free mobile station <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: ANDERSEN, Niels</i> <i>Peter Skov</i> <i>MCC:</i>	MOTOROLA A/S
		<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 05.19 R96	Service to GSM handportables in trains <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: WILTSHIRE, Timothy</i> <i>Robin</i> <i>MCC:</i>	Indicate persons who left Company and wait for new One
		<i>remarks - general:</i> <i>remarks - this release: .</i>		
TR 05.20 R96	Fast moving Mobile Station (study) <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: REINER, Michaël</i> <i>MCC:</i>	AEG Mobile Communications GmbH (AMC)
		<i>remarks - general:</i> <i>remarks - this release: .</i>		
TS 05.30 R96	General packet radio service requirements <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: CONRAD, Alan</i> <i>MCC:</i>	T-MOBILE DEUTSCHLAND
		<i>remarks - general:</i> <i>remarks - this release: .</i>		

R96

07 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

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

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Server WITHDRAWN specs R96 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3

R96 *current version:* none *WG (prime / other):* / *rapporteur:* CANDISH, John Xtempus Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:*
history (event, available, version,

remarks - general:
remarks - this release: .

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:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* Peter Skov 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:* 5.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* Peter Skov 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

G = required in systems with GERAN acces; 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 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling

R96 *current version:* 5.3.1 *WG (prime / other):* SPA / N4 *rapporteur:* HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 *G: yes U:* 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)
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

TS 09.20 Support of Shared Data Interworking Function

R96 *current version:* none *WG (prime / other):* / *rapporteur:*
freeze_meeting: smg-22 *G: yes U:* MCC:
history (event, available, version,
remarks - general:
remarks - this release: .

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* YOUNG, Michael MOTOROLA Ltd
freeze_meeting: smg-22 *G: yes U:* MCC: KYMALAINEN, Kimmo
history (event, available, version,
smg-24 19/12/1997 5 . 0 . 0 [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:* 5.0.1 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: smg-22 *G: yes U:* MCC: POPE, Maurice
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* Replaced by 01.33.
ETSI publication 20/01/1997 5 . 0 . 1 [get it](#) *remarks - this release:* SMG#20:5.0.0

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Server WITHDRAWN specs R96 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.60	General Packet Radio Services (GPRS); Project Scheduling and Open Issues								
R96	<i>current version:</i> 5.4.2		<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					

TR 10.66	Support of Mobile Number Portability (MNP); Project plan								
R96	<i>current version:</i> 5.0.0		<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> .				

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> 5.0.0		<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

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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 ETSI Secretariat
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:* 5.0.0 *freeze_meeting:* smg-22 *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
G: yes U: MCC: DIETZE, Claus
history (event, available, version, 25/01/1996 5 . 0 . 0 SMG-16: withdrawn [get it](#) *remarks - general:*
remarks - this release: #16: 5.0.0 withdrawn

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:* NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
G: yes U: MCC: ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: No spec

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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:* 4.0.0
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:* 4.0.0
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:* 4.2.1
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

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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: 0.0.0 DRAFT WG (prime / other): - / - rapporteur:
freeze_meeting: G: yes U: MCC: ,
history (event, available, version, draft 0 . 0 . 0 remarks - general: withdrawn
remarks - this release: .

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 WG (prime / other): / rapporteur: ,
freeze_meeting: G: yes U: MCC:
history (event, available, version, 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:* 3.0.2

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:* 3.0.1

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: .

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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>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
		<i>G: yes U:</i>		<i>MCC:</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>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
		<i>G: yes U:</i>		<i>MCC:</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> 3.4.0				
	<i>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
	Jan 1990 10/05/1994 3 . 3 . 0	<i>WG (prime / other):</i> S2	/	<i>rapporteur:</i>	,
	? 10/05/1994 3 . 4 . 0	<i>G: yes U:</i>		<i>MCC:</i>	SULTAN, Alain
		get it		<i>remarks - general:</i>	
		get it		<i>remarks - this release:</i>	.

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>freeze_meeting:</i>				
	<i>history (event, available, version,</i>				
		<i>WG (prime / other):</i>	/	<i>rapporteur:</i>	,
		<i>G: yes U:</i>		<i>MCC:</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:* 3.19.0

freeze_meeting:

history (event, available, version,

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

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: MCC: USAI, Paolino

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:* 0.0.0

DRAFT

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

freeze_meeting:

history (event, available, version,

draft 0 . 0 . 0

remarks - general: withdrawn
remarks - this release: .

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): / *rapporteur:* ,
G: *U: yes* *MCC:*

remarks - general:
remarks - this release:

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

TS 23.234 (reserved for future WLAN I/w stage 2)

current version: none
freeze_meeting:
history (event, available, version,

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

remarks - general:
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:

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