

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

Title: **Specs status list at the end of TSGs#19**

Document for: **information**

The following table shows the status list at the end of SA#19.

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Active or Withdrawn / Stopped (Active specs first)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Withdrawn / Stopped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

<?>

<?>

21 .- series

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

TR 21.902	Evolution of 3GPP system								
<?>	current version: 0.1.1		DRAFT	WG (prime / other): SP / -	rapporteur: BISHOP, Craig			SAMSUNG Electronics Research Institute	
	freeze_meeting:			G: U: yes	MCC: POPE, Maurice				
history (event, available, version,									
SP-18, Evolution meeting #2	03/01/2003	0 . 0 . 0	Prior to SP-18: doc = EV020032	get it	remarks - general:				
revised to add missing text	08/01/2003	0 . 1 . 0		get it	remarks - this release: Intention is to provide stable draft by SP-20.				
SP-19, Evolution meeting #3		0 . 1 . 1	EV-030002						

Rel-6

Rel-6

21 .- series

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

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

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-6 *current version:* 6.2.0
freeze_meeting: SP-22
history (event, available, version,
SP-17 16/09/2002 6 . 0 . 0
SP-18 18/12/2002 6 . 1 . 0
SP-19 6 . 2 . 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:* .

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

TS 22.011 Service accessibility

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
SP-19 6 . 0 . 0

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

remarks - general: Transfer>TSG#4
remarks - this release: .

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

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

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

remarks - general: Transfer>TSG#4
remarks - this release: .

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

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
SP-19 6 . 0 . 0

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

remarks - general: Transfer>TSG#4
remarks - this release: .

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

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

TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
Rel-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-18 18/12/2002	6 . 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-6	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg	SIEMENS AG				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-18 18/12/2002	6 . 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-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOHLERT, Randolph	SBC Communications Inc.				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-16 04/07/2002	6 . 0 . 0					get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-17 17/09/2002	6 . 1 . 0					get it	<i>remarks - this release:</i> .	
	SP-18 18/12/2002	6 . 2 . 0					get it		
	SP-19	6 . 3 . 0							
<hr/>									
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1								
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK				
	<i>freeze_meeting:</i>		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-18 10/01/2003	6 . 0 . 0					get it	<i>remarks - general:</i>	<i>remarks - this release:</i> .
	SP-19	6 . 1 . 0							
<hr/>									
TS 22.101	Service aspects; Service principles								
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> CLAYTON, Michael					
	<i>history (event, available, version,</i>								
	SP-16 04/07/2002	6 . 0 . 0					get it	<i>remarks - general:</i>	
	SP-17 17/09/2002	6 . 1 . 0					get it	<i>remarks - this release:</i> SP-020234 slide 11 justifies existence.	
	SP-18 18/12/2002	6 . 2 . 0					get it		
	SP-19	6 . 3 . 0							

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

TS 22.105	Services and service capabilities						
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne		France Telecom		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-17 17/09/2002 6 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-19 6 . 1 . 0		<i>remarks - this release:</i> .				
TS 22.115	Service Aspects Charging and billing						
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MONTEGROSSO, Emanuele		TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-19 6 . 0 . 0		<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
TS 22.127	Service Requirement for the Open Services Access (OSA); Stage 1						
Rel-6	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SWETINA, Joerg		SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-16 04/07/2002 6 . 0 . 0	get it	<i>remarks - general:</i>				
	SP-17 17/09/2002 6 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
	SP-18 18/12/2002 6 . 2 . 0	get it					
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems						
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SAMPSON, Nick		ORANGE PCS LTD		
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-19 6 . 0 . 0		<i>remarks - general:</i>				
			<i>remarks - this release:</i> .				
TS 22.140	Multimedia Messaging Service (MMS); Stage 1						
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> LAUMEN, Josef		SIEMENS AG		
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>						
	SP-18 20/12/2002 6 . 0 . 0	get it	<i>remarks - general:</i> (development in T2)				
	SP-19 6 . 1 . 0		<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-6 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.141	Presence service; Stage 1						
Rel-6	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	WOHLERT, Randolph	SBC Communications Inc.	
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-16 19/07/2002			get it	remarks - general:		
	SP-17 17/09/2002			get it	remarks - this release:	SP-15: Rel-6 record created due to approval of work item "Presence service enhancements".	
	SP-19						
TS 22.146	Multimedia Broadcast/Multicast Service (MBMS); Stage 1						
Rel-6	current version: 6.2.0	WG (prime / other):	S1 /	rapporteur:	JARVIS, Andre	3	
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-16 04/07/2002			get it	remarks - general:	Replaces 22.946. Note that stage 2 is 23.246.	
	SP-17 17/09/2002			get it	remarks - this release:	.	
	SP-19						
TS 22.174	Push service; Stage 1						
Rel-6	current version: 6.2.0	WG (prime / other):	S1 /	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc	
	freeze_meeting: SP-18	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	draft 27/03/2002			get it	remarks - general:		
	draft				remarks - this release:	SP-15: Timed out of Rel-5. SP-18: S1 seems to have lost interest in this spec. Known to be some holes in it.	
	SP-16						
	post SP-16 clean			get it			
	up						
	SP-17 17/09/2002			get it			
	SP-17 16/09/2002			get it			
	SP-18 18/12/2002			get it			
	SP-19						
TS 22.177	Speech-enabled services; Stage 1						
Rel-6	current version: none	WG (prime / other):	S1 /	rapporteur:	ZARRI, Michele	T-Mobile (UK) Ltd	
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
					remarks - general:	Spec number reserved; production depends on results of feasibility study	
					remarks - this release:	.	

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

TS 22.228	Service requirements for the Internet Protocol (IP) multimedia core network subsystem; Stage 1								
Rel-6	current version: 6.2.0	WG (prime / other):	S1 /	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	freeze_meeting: SP-20	G: yes	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-16 04/07/2002	6 . 0 . 0		get it	remarks - general:				
	SP-17 17/09/2002	6 . 1 . 0		get it	remarks - this release:	SP-020234 slide 11 justifies existence.			
	SP-19	6 . 2 . 0							
<hr/>									
TS 22.233	Transparent end-to-end packet-switched streamng service; Stage 1								
Rel-6	current version: 6.2.0	WG (prime / other):	S1 /	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc			
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-17 17/09/2002	6 . 0 . 0		get it	remarks - general:				
	SP-18 18/12/2002	6 . 1 . 0		get it	remarks - this release:	.			
	SP-19	6 . 2 . 0							
<hr/>									
TS 22.240	Service requirements for 3GPP Generic User Profile (GUP); Stage 1								
Rel-6	current version: none	WG (prime / other):	S1 /	rapporteur:	AMERY, Paul	ORANGE PCS LTD			
	freeze_meeting: SP-17	G:	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
					remarks - general:	Cf work item 'Generic user profile'			
					remarks - this release:	SP-17: Expected for SP-18.			
<hr/>									
TS 22.242	Digital Rights Management (DRM); Stage 1								
Rel-6	current version: 6.2.0	WG (prime / other):	S1 /	rapporteur:	WOOD, Nicholas	Openwave Systems (N.I.) Ltd			
	freeze_meeting: SP-18	G:	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
	SP-15 19/03/2002	1 . 0 . 0	SP-020061	get it	remarks - general:	SP-18: Stages 2 & 3 to be done by OMA.			
	SP-16 04/07/2002	2 . 0 . 0	SP-020261	get it	remarks - this release:	.			
	SP-16 04/07/2002	6 . 0 . 0		get it					
	SP-17 17/09/2002	6 . 1 . 0		get it					
	SP-19	6 . 2 . 0							

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

TS 22.243	Speech recognition framework for automated voice services; Stage 1								
Rel-6	current version: 6.2.0	WG (prime / other):	S1 /	rapporteur:	WILLIAMS, David Hugh	QUALCOMM EUROPE S.A.R.L.			
	freeze_meeting: SP-22	G: yes	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
brought forwards	02/01/2002	1	. 0	. 0			get it	remarks - general:	
from Rel-5								remarks - this release:	Delayed from Rel-5.
SP-15	27/03/2002	1	. 2	. 0	S1-020114		get it		
SP-17	19/09/2002	2	. 0	. 0	SP-020572		get it		
SP-17	16/09/2002	6	. 0	. 0			get it		
SP-18	18/12/2002	6	. 1	. 0			get it		
SP-19		6	. 2	. 0					

TS 22.250	IP Multimedia Subsystem (IMS) Group Management; Stage 1								
Rel-6	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
draft	24/04/2002	0	. 1	. 0			get it	remarks - general:	
SP-17	16/09/2002	1	. 0	. 0	SP-020566		get it	remarks - this release:	.
SP-18	18/12/2002	2	. 0	. 0	SP-020669		get it		
SP-18	18/12/2002	6	. 0	. 0			get it		

TS 22.340	IP Multimedia Subsystem (IMS) messaging; Stage 1								
Rel-6	current version: 6.1.0	WG (prime / other):	S1 /	rapporteur:	KALLIOKULJU, Juha	NOKIA MOBILE PHONES			
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael				
history (event, available, version,									
SP-18	18/12/2002	2	. 0	. 0	SP-020671		get it	remarks - general:	2002-10-08: created from 22.940.
SP-18	18/12/2002	6	. 0	. 0			get it	remarks - this release:	.
SP-19		6	. 1	. 0					

TR 22.800	IP Multimedia Subsystem (IMS) subscription and access scenarios								
Rel-6	current version: 1.0.0	DRAFT	WG (prime / other):	S1 /	rapporteur:	FRANK, Robert	TeliaSonera AB		
	freeze_meeting: SP-22		G:	U: yes	MCC:	CLAYTON, Michael			
history (event, available, version,									
S1-18		0	. 0	. 5	S1-022295			remarks - general:	
SP-18	20/12/2002	0	. 1	. 0	(annex to liaison)		get it	remarks - this release:	.
SP-19		1	. 0	. 0	SP-030037				

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

3GPP specification status

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

TR 22.857	Run-time independent framework feasibility study						
Rel-6	current version: 6.0.0	WG (prime / other):	T2 /	rapporteur:	WOODWARD, Ernest	Intel Sweden AB	
	freeze_meeting: SP-22	G: yes	U: yes	MCC:	RODERMUND, Friedhelm		
	history (event, available, version,						
	TP-17 30/08/2002	1	. 0 . 0	get it	remarks - general:		
	TP-18 03/12/2002	2	. 0 . 0	get it	remarks - this release:		TP-020274
	TP-18 20/12/2002	6	. 0 . 0	get it			
TR 22.934	Feasibility study on 3GPP system to Wireless Local Area Network (WLAN) interworking						
Rel-6	current version: 6.1.0	WG (prime / other):	S1 / -	rapporteur:	PAINT, Frédéric	Telenor AS	
	freeze_meeting: SP-18	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-15 19/03/2002	1	. 0 . 0	get it	remarks - general:		SP-020059
	SP-17 19/09/2002	2	. 0 . 0	get it	remarks - this release:	SP-18: tentative conclusion is that no specific stage 1 spec required, just CRs to other specs.	SP-020569
	SP-17 16/09/2002	6	. 0 . 0	get it			
	SP-18 18/12/2002	6	. 1 . 0	get it			
TR 22.940	IP Multimedia Subsystem (IMS) messaging; Stage 1						
Rel-6	current version: 6.0.0	WG (prime / other):	S1 /	rapporteur:	KALLIOKULJU, Juha	NOKIA MOBILE PHONES	
	freeze_meeting: SP-22	G:	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	draft 26/03/2002	0	. 0 . 0	get it	remarks - general:	2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,	
	draft 19/07/2002	0	. 1 . 0	get it	remarks - this release:	2002-10-08: -> 22.340. This TR to be withdrawn at SP-18. SP-18: No! In fact,	
	unwithdrawn and approved!					unwithdrawn and approved!	
	SP-16 19/07/2002	0	. 2 . 0	get it			
	SP-17 16/09/2002	1	. 0 . 0	get it			SP-020567
	SP-18 18/12/2002	2	. 0 . 0	get it			SP-020670
	SP-18 18/12/2002	6	. 0 . 0	get it			
TR 22.950	Priority service feasibility study						
Rel-6	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	GARRAHAN, James	Telcordia Technologies, Inc.	
	freeze_meeting: SP-22	G: yes	U: yes	MCC:	CLAYTON, Michael		
	history (event, available, version,						
	SP-15 19/03/2002	1	. 0 . 0	get it	remarks - general:	Additional rapporteur: B Pramanik (Telcordia).	SP-020060
	draft	1	. 1 . 0		remarks - this release:		
	SP-16 04/07/2002	2	. 0 . 0	get it			SP-020260
	SP-16 04/07/2002	6	. 0 . 0	get it			
	SP-18 18/12/2002	6	. 1 . 0	get it			
	SP-19	6	. 2 . 0				

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

TR 22.951 Service aspects and requirements for network sharing

Rel-6 *current version:* 6.1.0
freeze_meeting: SP-15
history (event, available, version,
draft 0 . 0 . 0 S1-020342
SP-17 16/09/2002 1 . 0 . 0 SP-020565
SP-18 18/12/2002 2 . 0 . 0 SP-020668
SP-18 18/12/2002 6 . 0 . 0
SP-19 6 . 1 . 0

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

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

TR 22.976 Study on PS domain services and capabilities

Rel-6 *current version:* 2.0.0 DRAFT
freeze_meeting:
history (event, available, version,
SP-08 2 . 0 . 0 SP-19: txverred from Rel-5

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark Openwave Systems (N.I.) Ltd
G: *U:* yes *MCC:* CLAYTON, Michael

remarks - general: Created Jan-00
remarks - this release: .

TR 22.977 Feasibility study for speech-enabled services

Rel-6 *current version:* 6.0.0
freeze_meeting: SP-22
history (event, available, version,
S1-14 0 . 0 . 0
S1-15 0 . 1 . 0
S1 SES 0 . 2 . 0
S1 SES 0 . 3 . 0
SP-16 04/07/2002 1 . 0 . 0 SP-020259
SP-17 19/09/2002 2 . 0 . 0 SP-020570
SP-17 16/09/2002 6 . 0 . 0

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

remarks - general:
remarks - this release: .

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

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

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TS 23.011	Technical realization of Supplementary Services	Rel-6 current version: 6.0.0 freeze_meeting: history (event, available, version, NP-19 6 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: CONRAD, Alan MCC: KYMALAINEN, Kimmo	T-MOBILE DEUTSCHLAND	remarks - general: remarks - this release: .
TS 23.016	Subscriber data management; Stage 2	Rel-6 current version: 6.0.0 freeze_meeting: history (event, available, version, NP-19 6 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software	remarks - general: remarks - this release: .
TS 23.040	Technical realization of Short Message Service (SMS)	Rel-6 current version: 6.0.1 freeze_meeting: SP-22 history (event, available, version, TP-17 18/09/2002 6 . 0 . 0 post TP-17: adds 24/09/2002 6 . 0 . 1 test vector file	WG (prime / other): T2 / - G: yes U: yes	rapporteur: HARRIS, Ian MCC: RODERMUND, Friedhelm	Teleca Limited	get it remarks - general: get it remarks - this release: .
TS 23.041	Technical realization of Cell Broadcast Service (CBS)	Rel-6 current version: 6.1.0 freeze_meeting: SP-22 history (event, available, version, TP-17 18/09/2002 6 . 0 . 0 TP-19 6 . 1 . 0	WG (prime / other): T2 / - G: yes U: yes	rapporteur: HARRIS, Ian MCC: RODERMUND, Friedhelm	Teleca Limited	get it remarks - general: Transfer>TSG#4 remarks - this release: .
TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2	Rel-6 current version: 6.1.0 freeze_meeting: SP-22 history (event, available, version, TP-16 28/06/2002 6 . 0 . 0 TP-17 18/09/2002 6 . 1 . 0	WG (prime / other): T2 / - G: yes U: yes	rapporteur: BRENK, Lars MCC: RODERMUND, Friedhelm	TTPCom Ltd	get it remarks - general: Apr-2001: " Station Application" removed from title. get it remarks - this release: .

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

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TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-19	6 . 0 . 0		remarks - general:					
				remarks - this release:					
<hr/>									
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting:	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,	NP-19	6 . 0 . 0		remarks - general:					
				remarks - this release:					
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-6	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-22	G:	U: yes	MCC:	YOON, Sang-Ui				
history (event, available, version,	SP-18 10/01/2003	6 . 0 . 0	get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.				
				remarks - this release:	SP-15: Rel-6 record created on approval of WI "Scope of the Open Service Access Release 6".				
<hr/>									
TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-6	current version: 6.1.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-22	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
history (event, available, version,	TP-18 20/12/2002	6 . 0 . 0	get it	remarks - general:					
	TP-19	6 . 1 . 0		remarks - this release:					

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TR 23.141 Presence service; Architecture and functional description; Stage 2

Rel-6 *current version:* 6.2.0 *WG (prime / other):* S2 / *rapporteur:* MAANSAARI, Kirsi NOKIA KOREA
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 17/06/2002 0 . 0 . 0 [get it](#) *remarks - general:*
SP-17 04/10/2002 1 . 0 . 0 SP-020538 for approval [get it](#) *remarks - this release:* .
SP-17 07/10/2002 6 . 0 . 0 Many editorial corrections needed [get it](#)
before fit for SDO publication.
SP-18 10/01/2003 6 . 1 . 0 [get it](#)
SP-19 6 . 2 . 0

TS 23.174 Push service; stage 2

Rel-6 *current version:* none *WG (prime / other):* S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
case ...". *remarks - general:* Rapporteur: "note that there are currently no plans for a Push stage 2 but it is
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in

TS 23.195 Provision of UE specific behaviour information to network entities

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S2 / *rapporteur:* PUDNEY, Chris VODAFONE Group Plc
freeze_meeting: *G:* *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 0 . 1 . 0 *remarks - general:* Created as a result of 23.895.
SP-19 1 . 0 . 0 SP-030030. Also RP-030195 at RP-10. *remarks - this release:* .

TS 23.221 Architectural requirements

Rel-6 *current version:* 6.0.0 *WG (prime / other):* S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
freeze_meeting: *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-19 6 . 0 . 0 *remarks - general:* Derived from R99-specific 23.121
remarks - this release: .

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TS 23.228	IP Multimedia Subsystem (IMS); Stage 2								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas	Lucent Technologies			
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-18 07/01/2003	6	.	0	.	0	get it	<i>remarks - general:</i>	
	edito post SP-18 07/01/2003	6	.	0	.	1	get it	<i>remarks - this release:</i>	corrects Rel shown on front cover.
	SP-19	6	.	1	.	0			
TS 23.234	3GPP system to Wireles Local Area Network (WLAN) interworking; Functional and architectural definition								
Rel-6	<i>current version:</i> 1.6.0	DRAFT		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	conversion from	0	.	1	.	0		<i>remarks - general:</i>	
	23.934 v0.5.0							<i>remarks - this release:</i>	SP-18: Anticipate approval SP-19. SP-19: Doc has been split into scenario 2 and scenario 3 parts, and will be for approval at SP-20.
	SP-17 04/10/2002	1	.	0	.	0	get it		
									SP-020537 Title on doc does not coincide with database (which bears same title as 23.934).
	draft 06/01/2003	1	.	2	.	1	get it		
	draft 08/01/2003	1	.	3	.	0	get it		
	SP-19	1	.	6	.	0			Annexed to LS in SP-030065 (ex S2-030727),
TS 23.241	3GPP Generic User Profile (GUP) requirements; Stage 2; Data description framework								
Rel-6	<i>current version:</i> 0.3.0	DRAFT		<i>WG (prime / other):</i> T2 /	<i>rapporteur:</i> HOLOUBEK, Kevin J.	Motorola Inc.			
	<i>freeze_meeting:</i> SP-22			G: U: yes	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	draft 28/05/2002	0	.	3	.	0	get it	<i>remarks - general:</i>	Cf work item 'Generic user profile'
								<i>remarks - this release:</i>	RP-15: Delayed from Rel-5.
TS 23.271	Location Services (LCS); Functional description; Stage 2								
Rel-6	<i>current version:</i> 6.3.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÅLL, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-22			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-16 18/06/2002	6	.	0	.	0	get it	<i>remarks - general:</i>	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
	SP-17 02/10/2002	6	.	1	.	0	get it	<i>remarks - this release:</i>	Continues 23.871
	SP-18 09/01/2003	6	.	2	.	0	get it		
	SP-19	6	.	3	.	0			

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Server ACTIVE specs Rel-6 23 .- series
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TR 23.841	Presence service architecture							
Rel-6	current version:	6.0.0		WG (prime / other):	S2 /	rapporteur:	MAANSAARI, Kirsi	NOKIA KOREA
	freeze_meeting:	SP-22		G:	U: yes	MCC:	YOON, Sang-Ui	
history (event, available, version,								
	SP-16	22/07/2002	2 . 0 . 0					
	SP-16	25/07/2002	6 . 0 . 0					
				get it		remarks - general:		
				get it		remarks - this release:	TP-16: clear that service is Rel-6.	
TR 23.846	Multimedia Broadcast/Multicast Service (MBMS); Stage 2							
Rel-6	current version:	6.1.0		WG (prime / other):	S2 /	rapporteur:	JARVIS, Andre	3
	freeze_meeting:	SP-22		G:	U: yes	MCC:	YOON, Sang-Ui	
history (event, available, version,								
	draft	12/04/2002	0 . 3 . 0					
	S2-24		0 . 4 . 0	get it		remarks - general:	This is a preparatory report which may result in the creation of a stage 2 TS	
	post S2-24	22/05/2002	0 . 5 . 0	get it		remarks - this release:	SP-15: To be a Rel-6 service, not Rel-5.	
	draft	28/05/2002	0 . 5 . 1	get it				
	SP-16	04/07/2002	1 . 0 . 0	get it				SP-020361
	draft	19/07/2002	1 . 1 . 0	get it				
	draft	22/07/2002	1 . 1 . 1	get it				
	draft	16/09/2002	1 . 2 . 0	get it				
	SP-17	24/09/2002	2 . 0 . 0	get it				SP-020535
	SP-17	03/10/2002	6 . 0 . 0	get it				
	SP-18	13/01/2003	6 . 1 . 0	get it				
TR 23.864	Commonality and interoperability between IP Multimedia System (IMS) core networks							
Rel-6	current version:	0.4.1		WG (prime / other):	S2 / -	rapporteur:	BERTENYI, Balazs	NOKIA Corporation
	freeze_meeting:		DRAFT	G:	U: yes	MCC:	YOON, Sang-Ui	
history (event, available, version,								
	S2-29	03/02/2003	0 . 3 . 1			remarks - general:	Was briefly 23.964.	
	draft	24/02/2003	0 . 4 . 0	get it		remarks - this release:	.	
	draft	24/02/2003	0 . 4 . 1	get it				

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TR 23.895	Provision of UE specific behaviour information to network entities						
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>						
	draft	0 . 4 . 0					<i>remarks - general:</i>
	SP-18 10/01/2003	1 . 0 . 0	SP-020797 for approval	get it			<i>remarks - this release:</i> .
	SP-18 13/01/2003	6 . 0 . 0	Anticipate CR next mtg to clarify that this is not a loophole to allow untested UEs to be placed on the market.	get it			
	SP-19	6 . 1 . 0					
<hr/>							
TR 23.917	Dynamic policy control enhancements for End to end Quality of Service (QoS); Feasibility study						
Rel-6	<i>current version:</i> 0.5.1	DRAFT		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> MOUSSET, Claire	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-18			<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>						
	draft 07/08/2002	0 . 0 . 0		get it			<i>remarks - general:</i> Work Item: SP-020140
	draft 24/09/2002	0 . 1 . 0		get it			<i>remarks - this release:</i> .
	draft 24/09/2002	0 . 2 . 0		get it			
	draft 14/11/2002	0 . 3 . 0		get it			
	draft 14/11/2002	0 . 3 . 1		get it			
	S2-28 16/12/2002	0 . 4 . 0		get it			
	draft 16/12/2002	0 . 4 . 1		get it			
	S2-29 13/02/2003	0 . 5 . 0		get it			
	S2-29 13/02/2003	0 . 5 . 1		get it			
<hr/>							
TR 23.934	3GPP system to Wireless Local Area Network (WLAN) interworking; Functional and architectural definition						
Rel-6	<i>current version:</i> 1.0.0	DRAFT		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PAINT, Frédéric	Telenor AS	
	<i>freeze_meeting:</i> SP-18			<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>						
	S2-24 07/05/2002	0 . 1 . 0		get it			<i>remarks - general:</i>
	SP-17 24/09/2002	1 . 0 . 0	SP-020536	get it			<i>remarks - this release:</i> 2002-05-02: anticipate v1.0.0 in Sept 2002, 2.0.0 in Dec 2002.

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TR 23.976 Push architecture
Rel-6 *current version:* 0.1.0 DRAFT WG (prime / other): S2 / - rapporteur: YOON, Sang-Ui KT ICOM
freeze_meeting: G: yes U: yes MCC: YOON, Sang-Ui
history (event, available, version,
S2-29 0 . 0 . 0 *remarks - general:* 2003-02-04: 23.876 -> 23.976
S2-29 03/02/2003 0 . 0 . 1 *remarks - this release:* .
draft 24/02/2003 0 . 1 . 0 [get it](#)
[get it](#)

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

TS 24.008 Mobile radio interface Layer 3 specification; Core network protocols; Stage 3
Rel-6 *current version:* 6.0.0 WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: G: yes U: yes MCC: JORGENSEN, Per Johan
history (event, available, version,
NP-19 6 . 0 . 0 *remarks - general:* CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to
remarks - this release: . be resolved till Jun00.

TS 24.088 Call Barring (CB) Supplementary Service; Stage 3
Rel-6 *current version:* 6.0.0 WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: G: yes U: yes MCC: KYMALAINEN, Kimmo
history (event, available, version,
NP-19 6 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 24.241 3GPP Generic User Profile (GUP) requirements; Stage 3; Access; Common objects
Rel-6 *current version:* 0.3.0 DRAFT WG (prime / other): T2 / rapporteur: HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: SP-22 G: yes U: yes MCC: RODERMUND, Friedhelm
history (event, available, version,
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.

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Server ACTIVE specs Rel-6 24 .- series
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TR 24.841	Presence service based on Session Initiation Protocol (SIP); Functional models, information flows and protocol details			
Rel-6	current version: 0.5.0	DRAFT	WG (prime / other): N1 /	rapporteur: DRAGE, Keith Lucent Technologies Network Systems UK
	freeze_meeting: NP-19		G: yes U: yes	MCC: JORGENSEN, Per Johan
<i>history (event, available, version,</i>				
	draft	0 . 0 . 0		remarks - general:
	N1-25	0 . 0 . 1		remarks - this release: .
	N1-26 17/09/2002	0 . 1 . 0	get it	
	N1-26 03/10/2002	0 . 2 . 0	get it	
	N1-26bis 14/11/2002	0 . 3 . 0	get it	
	N1-27 17/01/2003	0 . 4 . 0	get it	N1-030010
	N1-28 04/03/2003	0 . 5 . 0	get it	

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

TS 25.101	UE Radio transmission and reception (FDD)			
Rel-6	current version: 6.0.0		WG (prime / other): R4 / -	rapporteur: FERNANDES, Edgar MOTOROLA Ltd
	freeze_meeting: SP-22		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar
<i>history (event, available, version,</i>				
	RP-19	6 . 0 . 0		remarks - general:
				remarks - this release: RP-16 agreed not to implement the CR creating this Release.

TS 25.104	UTRA (BS) FDD; Radio transmission and reception			
Rel-6	current version: 6.1.0		WG (prime / other): R4 / -	rapporteur: SKÖLD, Johan Telefon AB LM Ericsson
	freeze_meeting: SP-22		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar
<i>history (event, available, version,</i>				
	RP-18 10/01/2003	6 . 0 . 0	get it	remarks - general:
				remarks - this release: .
	RP-19	6 . 1 . 0		

TS 25.133	Requirements for support of radio resource management (FDD)			
Rel-6	current version: 6.1.0		WG (prime / other): R4 / -	rapporteur: GUERRINI, Claudio TELECOM ITALIA S.p.A.
	freeze_meeting: SP-22		G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar
<i>history (event, available, version,</i>				
	RP-18 10/01/2003	6 . 0 . 0	get it	remarks - general:
	RP-19	6 . 1 . 0		remarks - this release: .

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Server ACTIVE specs Rel-6 25 .- series
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TS 25.141	Base station conformance testing (FDD)								
Rel-6	<i>current version:</i> 6.1.0			<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> NAKAMURA, Takaharu	Fujitsu Limited			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar			
<i>history (event, available, version,</i>									
	RP-18	10/01/2003	6 . 0 . 0	Early ETSI publication because	get it	<i>remarks - general:</i>			
				referenced in SCP publications.		<i>remarks - this release:</i>			
	RP-19		6 . 1 . 0						
<hr/>									
TS 25.346	Introduction of Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN)								
Rel-6	<i>current version:</i> 1.3.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KOULAKIOTIS, Dimitris	Nokia Telecommunications Inc.			
	<i>freeze_meeting:</i> SP-22			<i>G:</i> U: yes	<i>MCC:</i>	ARZELIER, Claude			
<i>history (event, available, version,</i>									
	draft	14/10/2002	1 . 1 . 0		get it	<i>remarks - general:</i>			
	draft	23/01/2003	1 . 2 . 0		get it	<i>remarks - this release:</i>			
	draft	03/02/2003	1 . 3 . 0		get it				
<hr/>									
TS 25.401	UTRAN overall description								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i>	KRAUSE, Joern			
<i>history (event, available, version,</i>									
	RP-19		6 . 0 . 0			<i>remarks - general:</i> Approval at TSG#5			
						<i>remarks - this release:</i>			
<hr/>									
TS 25.450	UTRAN lupc interface general aspects and principles								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i>	KRAUSE, Joern			
<i>history (event, available, version,</i>									
	RP-19		6 . 0 . 0			<i>remarks - general:</i>			
						<i>remarks - this release:</i>			
<hr/>									
TS 25.452	UTRAN lupc interface signalling transport								
Rel-6	<i>current version:</i> 6.0.0			<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> LIN, le-Hong	Qualcomm Inc			
	<i>freeze_meeting:</i>			<i>G:</i> U: yes	<i>MCC:</i>	KRAUSE, Joern			
<i>history (event, available, version,</i>									
	RP-19		6 . 0 . 0			<i>remarks - general:</i>			
						<i>remarks - this release:</i>			

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

TS 25.453	UTRAN Iu-CS interface Positioning Calculation Application Part (PCAP) signalling								
Rel-6	current version: 6.0.0		WG (prime / other): R3 /	rapporteur: LIN, Ie-Hong	Qualcomm Inc				
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version, RP-19	6 . 0 . 0						remarks - general:	remarks - this release: .
TR 25.801	Feasibility study for improved access to User Equipment (UE) measurement data for Controlling Radio Network Controller (CRNC) to support Time Division Duplex (TDD) Radio Resource Management (RRM)								
Rel-6	current version: Resource Management (RRM)	INTERDIGITAL COMMUNICATIONS	WG (prime / other): none	rapporteur: MILLER, James					
	freeze_meeting:		G: U: yes	MCC: KRAUSE, Joern					
	history (event, available, version,							remarks - general:	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: SP-22		G: U: yes	MCC: SASAKI, Tsukasa					
	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-6	current version: 1.1.0	DRAFT	WG (prime / other): R1 / -	rapporteur: LI, Xiaoqiang	SAMSUNG Electronics Research Institute				
	freeze_meeting: SP-22		G: U: yes	MCC: SASAKI, Tsukasa					
	history (event, available, version, RP-18 06/01/2003	1 . 1 . 0 RP-020815						get it	remarks - general: remarks - this release: .
TR 25.889	Viable deployment of UTRA in additional and diverse spectrum arrangements; Feasibility study								
Rel-6	current version: 1.2.1	DRAFT	WG (prime / other): R4 / -	rapporteur: STAHLFJALL, Peter	Telefon AB LM Ericsson				
	freeze_meeting: SP-22		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:
	RP-17 24/09/2002	1 . 1 . 0 RP-020657						get it	remarks - this release: .
	RP-18 06/01/2003	1 . 2 . 1 RP-020690						get it	

G = required in systems with GERAN access; 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	<i>current version:</i> 0.3.0	DRAFT	<i>WG (prime / other):</i> R3 /	<i>rapporteur:</i> HWANG, Woonhee	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> KRAUSE, Joern		
	<i>history (event, available, version,</i>					
	R3-31	0 . 0 . 1				<i>remarks - general:</i>
	R3-31	0 . 1 . 0				<i>remarks - this release:</i> .
	draft 11/10/2002	0 . 1 . 1				get it
	draft 24/01/2003	0 . 2 . 1				get it
	draft	0 . 3 . 0				
TR 25.892	Analysis of OFDM for UTRAN enhancement					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R1 /	<i>rapporteur:</i> BOUMENDIL, Sarah	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-19		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
TR 25.894	Enhanced UE positioning using software blanking					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BARTLETT, David	Cambridge Positioning Systems Limited	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ARZELIER, Claude		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .
TR 25.895	Analysis of higher chip rates for UTRA TDD evolution					
Rel-6	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> BEALE, Martin	IPWireless Inc.	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
	RP-19	1 . 0 . 0 RP-030095				<i>remarks - general:</i>
						<i>remarks - this release:</i> 2002-10-07: anticipate approval at RP-20.
TR 25.896	Uplink enhancements for dedicated transport channels					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> RANTA-AHO, Karri	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i>
						<i>remarks - this release:</i> .

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

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

TR 25.897 Feasibility study on the evolution of UTRAN architecture
Rel-6 *current version:* 0.1.1 DRAFT
freeze_meeting: SP-22
history (event, available, version, draft 24/01/2003 0 . 1 . 1

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

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

TR 25.898 Power control enhancements for UTRA
Rel-6 *current version:* none
freeze_meeting: SP-22
history (event, available, version,

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

remarks - general:
remarks - this release: .

TR 25.899 HSDPA enhancements
Rel-6 *current version:* none
freeze_meeting: RP-21
history (event, available, version,

WG (prime / other): R1 / *rapporteur:* FUKUI, Noriyuki Mitsubishi Electric Co.
G: *U:* yes *MCC:* SASAKI, Tsukasa

remarks - general:
remarks - this release: .

TR 25.942 RF system scenarios
Rel-6 *current version:* 6.0.0
freeze_meeting: SP-22
history (event, available, version, RP-18 10/01/2003 6 . 0 . 0

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia Vodafone Omnitel N.V
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.
remarks - this release: .

TR 25.951 Base Station classification (FDD)
Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version, RP-19 2 . 0 . 0 RP-030155
RP-19 6 . 0 . 0

WG (prime / other): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
G: *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: RP-19: from Rel-5.

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

TR 25.992 Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements

Rel-6 *current version:* 1.3.0 DRAFT *WG (prime / other):* RP / GP *rapporteur:* KOULAKIOTIS, Dimitris Nokia Telecommunications Inc.
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version, draft 1 . 0 . 0 NOT seen by TSG RAN. Suspect *remarks - general:*
version number is too optimistic. *remarks - this release:* .
draft 1 . 1 . 0
draft 20/01/2003 1 . 2 . 0 Exploder list. Still not seen by RAN. [get it](#)
RP-19 1 . 3 . 0 RP-030016

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version, RP-18 16/12/2002 0 . 0 . 0 RP-020814; version number incorrect [get it](#) *remarks - general:*
on the document *remarks - this release:* SP-17: Currently the latest release version.
RP-18 16/01/2003 0 . 1 . 0 RP-020877 [get it](#)
RP-18 2 . 0 . 0 RP-020890 = composite of previous
two versions!
RP-18 13/01/2003 6 . 0 . 0 also created identical R99, Rel-4, Rel-5 [get it](#)
versions
RP-19 6 . 1 . 0

TR 25.996 Spacial channel model for Multiple Input Multiple Output (MIMO) simulations

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* R1 / *rapporteur:* HUANG, Howard Lucent Technologies
freeze_meeting: *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version, RP-19 1 . 0 . 0 RP-030181 *remarks - general:*
remarks - this release: .

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

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

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

TS 26.234 Transparent end-to-end transparent streaming service; Protocols and codecs
Rel-6 *current version:* none *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S4 / - *rapporteur:* FRANCESCHI, Olle Nippon Ericsson K.K.
G: *U:* yes *MCC:* USAI, Paolino
remarks - general:
remarks - this release: SP-19: CRs anticipated at SP-22.

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

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

TS 26.246 Transparent end-to-end transparent Packet-switched Streaming Service (PSS); 3GPP SMIL language profile
Rel-6 *current version:* none *freeze_meeting:* *history (event, available, version,*
WG (prime / other): S4 / - *rapporteur:* GRASSEL, Guido NOKIA Corporation
G: *U:* yes *MCC:* USAI, Paolino
remarks - general: Created S4-25bis. See S4-030135.
remarks - this release: .

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

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:* 6.2.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-16 25/06/2002 6 . 0 . 0 [get it](#) *remarks - general:*
TP-18 20/12/2002 6 . 1 . 0 [get it](#) *remarks - this release:* .
TP-19 6 . 2 . 0

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

TS 29.002 Mobile Application Part (MAP) specification

Rel-6 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-22 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-18 09/01/2003 6 . 0 . 0 [get it](#) *remarks - general:*
NP-19 6 . 1 . 0 *remarks - this release:*

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 6 . 0 . 0 *remarks - general:*
remarks - this release: .

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-6 *current version:* none *WG (prime / other):* N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc
freeze_meeting: *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
remarks - general:
remarks - this release: Work item moved to Rel-6.

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

TS 29.163	Interworking between the IM CN subsystem and CS networks					
Rel-6	<i>current version:</i> 1.5.0	DRAFT	<i>WG (prime / other):</i> N3 /	<i>rapporteur:</i> SANDERS, David	VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	N3-21	1 . 2 . 0				<i>remarks - general:</i>
	editorials	1 . 2 . 1				<i>remarks - this release:</i> NP-16: For earlier versions: see Rel-5. NP-19: anticipated to come under change control at NP-21.
	N3-23	1 . 3 . 1				
	draft 20/01/2003	1 . 4 . 1				get it
	NP-19 06/03/2003	1 . 5 . 0				get it

TS 29.200	Signalling System No. 7; Mobile Application Part (MAP); Security signalling flows for the Ze interface					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> JANSSON, Jari	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i> Work item description in N4-021258.
						<i>remarks - this release:</i> .

TS 29.234	3GPP system to Wireless Local Area Network (WLAN) interworking; Stage 3					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / N2	<i>rapporteur:</i> RODRIGUEZ, Raquel	NOKIA Corporation	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i> Work Item = "WLAN Interworking – stage 3 definition of WLAN – 3GPP
						<i>remarks - this release:</i> . interworking", see N4-030221 (né N4-030157)

TS 29.240	Generic User Profile (GUP); Stage 3; Network					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i> Cf work item 'Generic user profile' - may be renumbered to 27.241
						<i>remarks - this release:</i> 2003-03-05: Delayed from Rel-5.

TS 29.332	Media Gateway Control Function (MGCF) - IM Media Gateway (IM-MGW) Mc interface; Stage 3					
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
						<i>remarks - general:</i> 2002-05-30: Created in response to proposed new WI in N4-020773.
						<i>remarks - this release:</i> Anticipated change control at NP-22.

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

TS 29.333	Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> SANDERS, David	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TR 29.846	Multimedia Broadcast/Multicast Service (MBMS); CN1 procedure description								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N1 /	<i>rapporteur:</i> HOBBS, Kevan	3				
	<i>freeze_meeting:</i> NP-19		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								<i>remarks - general:</i>
									<i>remarks - this release:</i> .
<hr/>									
TR 29.962	Signalling interworking between the 3GPP profile of the Session Initiation Protocol (SIP) and non-3GPP SIP usage								
Rel-6	<i>current version:</i> 1.1.0	DRAFT	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BELLING, Thomas	SIEMENS AG				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								<i>remarks - general:</i>
	NP-18 06/01/2003 1 . 0 . 0 NP-020610		get it						<i>remarks - this release:</i> .
	NP-19 06/03/2003 1 . 1 . 0 NP-030073. Will be reviewed N1-28, N3-27.		get it						
<hr/>									
TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / RP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	Peter Skov					
	<i>history (event, available, version,</i>			<i>MCC:</i> JORGENSEN, Per Johan					<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.

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

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

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

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

TS 31.101 UICC-terminal interface; Physical and logical characteristics
 Rel-6 *current version:* 6.1.0
freeze_meeting: TP-17
history (event, available, version, TP-17 18/09/2002 6 . 0 . 0
TP-18 02/01/2003 6 . 1 . 0
WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
G: *U:* yes *MCC:* DIETZE, Claus
[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[get it](#) *remarks - this release:* TP-17: upgraded to Rel-6 as there are 3G specific platform requirements that are currently not defined by the respective EP SCP specification TS 102 221.

TS 31.102 Characteristics of the USIM Application
 Rel-6 *current version:* 6.1.0
freeze_meeting: SP-22
history (event, available, version, TP-18 02/01/2003 6 . 0 . 0
TP-19 6 . 1 . 0
WG (prime / other): T3 / - *rapporteur:* HEIM, Christian GIESECKE & DEVRIENT GmbH
G: *U:* yes *MCC:* DIETZE, Claus
[get it](#) *remarks - general:*
remarks - this release: .

TS 31.103 Characteristics of the ISIM application
 Rel-6 *current version:* 6.1.0
freeze_meeting: SP-22
history (event, available, version, TP-18 02/01/2003 6 . 0 . 0
TP-19 6 . 1 . 0
WG (prime / other): T3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
G: yes *U:* yes *MCC:* DIETZE, Claus
[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 31.113	USAT interpreter byte codes							
Rel-6	<i>current version:</i> 6.2.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>							
	TP-16 19/06/2002	6 . 0 . 0		get it	<i>remarks - general:</i>			
	TP-17 25/09/2002	6 . 1 . 0		get it	<i>remarks - this release:</i> .			
	TP-19	6 . 2 . 0						
<hr/>								
TS 31.114	USAT interpreter protocol and administration							
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> MEYER, Michael				GIESECKE & DEVRIENT GmbH
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> 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> 6.2.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> SP-22		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>							
	TP-16 26/06/2002	2 . 0 . 0		get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin.		
	TP-16 19/06/2002	6 . 0 . 0		get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: has evidently migrated to Rel-6.		
	TP-17 23/09/2002	6 . 1 . 0		get it				
	TP-18 02/01/2003	6 . 2 . 0		get it				
<hr/>								
TS 31.116	Remote APDU Structure for (U)SIM Toolkit applications							
Rel-6	<i>current version:</i> 6.3.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> VIALLET, Sophie				GEMPLUS Card International
	<i>freeze_meeting:</i> SP-22		<i>G:</i> yes	<i>U:</i> yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>							
	TP-16 26/06/2002	2 . 0 . 0		get it	<i>remarks - general:</i>	additional rapporteur: Florence Martin		
	TP-16 19/06/2002	6 . 0 . 0		get it	<i>remarks - this release:</i>	SP-15: Creation justified by SP-020172 slide 13. TP-16: offered for approval as Rel-6, so scrap Rel-5.		
	TP-17 23/09/2002	6 . 1 . 0		get it				
	TP-18 02/01/2003	6 . 2 . 0		get it				
	TP-19	6 . 3 . 0						

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 31.131 C-language binding for (U)SIM API
Rel-6 *current version:* 6.1.0 *WG (prime / other):* T3 / *rapporteur:* TON, Wim ASPECTS Software Ltd
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-17 24/09/2002 2 . 0 . 0 TP-020219 [get it](#) *remarks - general:* Test spec is 34.131.
TP-17 27/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .
TP-19 6 . 1 . 0

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

TS 32.140 Telecommunication management; Services operations management; Subscription management requirements
Rel-6 *current version:* 6.0.0 *WG (prime / other):* S5 / - *rapporteur:* CARYER, Geoffrey TELECOMMUNICATIONS MANAGEMENT
freeze_meeting: SP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian CONSULTANTS Ltd.
history (event, available, version,
SP-15 19/03/2002 1 . 0 . 0 SP-020012 (originally Rel-5) [get it](#) *remarks - general:*
SP-18 06/01/2003 1 . 1 . 1 SP-020728 [get it](#) *remarks - this release:* SP-15: moved from Rel-5.
SP-19 2 . 0 . 0 SP-030041
SP-19 6 . 0 . 0

TS 32.141 Telecommunication management; Services operations management; Subscription management architecture
Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* S5 / - *rapporteur:* EDER, Michael NOKIA Corporation
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-19 1 . 0 . 0 SP-030042 *remarks - general:*
remarks - this release: .

TS 32.150 Telecommunication management; User Equipment Management (UEM); UEM requirements and architecture; Stages 1 and 2
Rel-6 *current version:* none *WG (prime / other):* S5 / T2 *rapporteur:* MUDGE, John VODAFONE Group Plc
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general: Justification: see SP-020608. Stage 3: see 27.150.
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 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> 1.0.0	DRAFT	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>									
	SP-17 16/09/2002	1 . 0 . 0	SP-020500	get it	<i>remarks - general:</i>					
					<i>remarks - this release:</i>					
<hr/>										
TS 32.412	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); Information services									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>									
					<i>remarks - general:</i>					
					<i>remarks - this release:</i>					
<hr/>										
TS 32.413	Telecommunication management; Performance Management (PM) Integration Reference Point (IRP); CORBA solution set									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-22		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>									
					<i>remarks - general:</i>					
					<i>remarks - this release:</i>					
<hr/>										
TS 32.421	Telecommunication management; Subscriber and equipment trace: Trace concepts and requirements									
Rel-6	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> KORINEK, Frank	Motorola Inc.					
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>									
	SP-16 17/06/2002	1 . 0 . 0	SP-020330	get it	<i>remarks - general:</i>					
	SP-18 06/01/2003	2 . 0 . 0	SP-020755	get it	<i>remarks - this release:</i>					
	SP-18 06/01/2003	6 . 0 . 0		get it						
	SP-19	6 . 1 . 0								
<hr/>										
TS 32.422	Telecommunication management; Subscriber and equipment trace: Trace control and Configuration Management									
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RAO, Mohan	Lucent Technologies Network Systems UK					
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>									
					<i>remarks - general:</i>					
					<i>remarks - this release:</i>					
<hr/>										

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

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Server ACTIVE specs Rel-6 32 .- series
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TS 32.423	Telecommunication management; Subscriber and equipment trace: Trace data definition and management				
Rel-6	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> RONKA, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-19	6 . 0 . 0		<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> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-19	6 . 0 . 0		<i>remarks - general:</i> <i>remarks - this release:</i> .	
<hr/>					
TS 32.664	Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP): Common Management Information Protocol (CMIP) solution set				
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-19	6 . 0 . 0		<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> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-19	6 . 0 . 0		<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> SP-22	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-19	6 . 0 . 0		<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 32.683 Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): CORBA solution set
Rel-6 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PAL, Tapinder T-MOBILE DEUTSCHLAND
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
remarks - general:
remarks - this release: .

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

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

TS 33.108 3G security; Handover interface for Lawful Interception (LI)
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
freeze_meeting: SP-22 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-18 18/12/2002 6 . 0 . 0 [get it](#) *remarks - general:* 2001-12-04 Title changed from "Lawful Interception; Interface between core
SP-19 6 . 1 . 0 *remarks - this release:* . network and law agency equipment" (Berthold.Wilhelm@RegTP.de).

TS 33.210 3G security; Network Domain Security (NDS); IP network layer security
Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / - *rapporteur:* KOIEN, Geir Telenor AS
freeze_meeting: SP-22 *G:* yes *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-18 18/12/2002 6 . 0 . 0 [get it](#) *remarks - general:* 2001-05-24: 33.200 split into MAP (33.200) and IP (33.210).
SP-19 6 . 1 . 0 *remarks - this release:* .

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

TS 33.234	3G security; Wireless Local Area Network (WLAN) interworking security								
Rel-6	current version: 0.1.0	DRAFT	WG (prime / other): S3 / -	rapporteur: LOPEZ SORIA, Luis	Telefon AB LM Ericsson				
	freeze_meeting: SP-22		G: U: yes	MCC: POPE, Maurice					
history (event, available, version,	S3-25 23/10/2002	0 . 1 . 0						get it	remarks - general: remarks - this release: .
<hr/>									
TS 33.246	3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS)								
Rel-6	current version: 0.0.1	DRAFT	WG (prime / other): S3 / -	rapporteur: ESCOTT, Adrian	3				
	freeze_meeting: SP-22		G: yes U: yes	MCC: POPE, Maurice					
history (event, available, version,	S3-25 23/10/2002	0 . 0 . 1						get it	remarks - general: remarks - this release: .
<hr/>									
TR 33.810	3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution								
Rel-6	current version: 6.0.0		WG (prime / other): S3 /	rapporteur: N, A	Indicate persons who left Company and wait for new One				
	freeze_meeting: SP-20		G: U: yes	MCC: POPE, Maurice					
history (event, available, version,	draft	0 . 0 . 0							remarks - general: 2002-07-22: was formerly 33.910.
	draft	0 . 0 . 1							remarks - this release: SP-17: expect v2.0.0 at SP-18.
	SP-17	1 . 0 . 0	SP-020507 (wronly labeled 33.910)						
edito post	SP-17 18/09/2002	1 . 0 . 1	corrects spec number on front cover					get it	
	S3-25	1 . 1 . 0							
	SP-18 16/01/2003	2 . 0 . 0	SP-020723					get it	
	SP-18 18/12/2002	6 . 0 . 0						get it	

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

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

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

TS 34.131 Test specification for C-language binding for (U)SIM API

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

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

TS 41.104 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-6 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
remarks - general: post-SP-19: title changed to align with 01.01
remarks - this release: .

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

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-12 03/01/2003 6 . 0 . 0 [get it](#) *remarks - general:* Moved from SMG3 Jan 2000.
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 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.055 Dual Transfer Mode (DTM); Stage 2
Rel-6 *current version:* 6.0.0 *WG (prime / other):* G1 / G2 *rapporteur:* CARRIZO MARTINEZ, VODAFONE Group Plc
freeze_meeting: *G: yes U:* *MCC:* Jose Luis USAI, Paolino
history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

TS 44.018 Mobile radio interface layer 3 specification; Radio Resource Control Protocol
Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 17/12/2002 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

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

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

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

TS 45.001	Physical layer on the radio path; General description					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> JOKINEN, Harri		NOKIA MOBILE PHONES	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> GP-12 03/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 45.002	Multiplexing and Multiple Access on the Radio Path					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Benoist		NOKIA Corporation	
	<i>freeze_meeting:</i>	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> GP-13 21/02/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 45.005	Radio transmission and reception					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SAMUELSSON, Mats			
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> GP-12 03/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-13 21/02/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 45.008	Radio subsystem link control					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer		VODAFONE Group Plc	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> GP-12 03/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-13 21/02/2003 6 . 1 . 0	get it	<i>remarks - this release:</i> .			
<hr/>						
TR 45.050	Background for RF Requirements					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-22	G: yes U:	<i>MCC:</i> Peter Skov USAI, Paolino			
	<i>history (event, available, version,</i> GP-12 03/01/2003 6 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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Server ACTIVE specs Rel-6 45 .- series
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.

TR 45.902 Flexible layer 1

Rel-6 *current version:* 1.0.0 DRAFT *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: SP-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 0 *remarks - general:*
GP-12 26/11/2002 0 . 3 . 0 GP-023427 [get it](#) *remarks - this release:* .
GP-13 13/02/2003 0 . 4 . 0 GP 030193 [get it](#)
GP-13 13/02/2003 1 . 0 . 0 [get it](#)

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-22 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-12 17/12/2002 6 . 0 . 0 [get it](#) *remarks - general:*
GP-13 21/02/2003 6 . 1 . 0 [get it](#) *remarks - this release:* .

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

Rel-6 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
GP-13 21/02/2003 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 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

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

TR 50.099 GERAN project plan and open issues

Rel-6 *current version:* 0.1.6 DRAFT
freeze_meeting:
history (event, available, version,
draft 20/03/2002 0 . 1 . 6 ex-Rel-5.

WG (prime / other): GP / - *rapporteur:* BLADSJO, David Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
remarks - this release: 2003-01-14: Fel-5 frozen, so migrated to Rel-6. Rel-5. GP-12: Rel-5 frozen, so draft

moved to Rel-6.

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

TS 51.021 GSM radio aspects base station system equipment specification

Rel-6 *current version:* 6.0.0
freeze_meeting:
history (event, available, version,
GP-13 21/02/2003 6 . 0 . 0

WG (prime / other): G3 / - *rapporteur:* BUSIN, Ake Telefon AB LM Ericsson
G: yes U: *MCC:* USAI, Paolino

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

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

TS 52.008 Telecommunication management; GSM subscriber and equipment trace

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

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

remarks - general:
remarks - this release: .

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

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

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

TS 55.205	Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8					
Rel-6	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-22	G: yes U:	MCC:	POPE, Maurice		
	<i>history (event, available, version,</i>					
	S3-26	0 . 1 . 0	S3-020675		<i>remarks - general:</i>	Not subject to export control.
	SP-18 16/01/2003	1 . 0 . 0	SP-020724		<i>remarks - this release:</i>	.
	SP-18 18/12/2002	6 . 0 . 0			get it	
					get it	
<hr/>						
TS 55.216	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 1: A5/3 and GEA3 specification					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i> SP-20	G: yes U:	MCC:	POPE, Maurice	One	
	<i>history (event, available, version,</i>					
	SP-17 22/07/2002	1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>
	SP-17 18/09/2002	6 . 0 . 0			get it	<i>remarks - this release:</i>
	SP-18 18/12/2002	6 . 1 . 0			get it	.
<hr/>						
TS 55.217	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 2: Implementors' test data					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i> SP-20	G: yes U:	MCC:	POPE, Maurice	One	
	<i>history (event, available, version,</i>					
	SP-17 22/07/2002	1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>
	SP-17 18/09/2002	6 . 0 . 0			get it	<i>remarks - this release:</i>
	SP-18 18/12/2002	6 . 1 . 0			get it	.
<hr/>						
TS 55.218	Specification of the A5/3 encryption algorithms for GSM and EDGE, and the GEA3 encryption algorithm for GPRS; Document 3: Design and conformance test data					
Rel-6	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new		
	<i>freeze_meeting:</i> SP-20	G: yes U:	MCC:	POPE, Maurice	One	
	<i>history (event, available, version,</i>					
	SP-17 22/07/2002	1 . 0 . 0	SP-020506	pars for approval	get it	<i>remarks - general:</i>
	SP-17 18/09/2002	6 . 0 . 0			get it	<i>remarks - this release:</i>
	SP-18 18/12/2002	6 . 1 . 0			get it	.

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

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

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

Rel-6 *current version:* 6.1.0 *WG (prime / other):* S3 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-20

history (event, available, version,
SP-17 22/07/2002 1 . 0 . 0 SP-020506 pars for approval [get it](#) *remarks - general:*
SP-17 18/09/2002 6 . 0 . 0 [get it](#) *remarks - this release:* .
SP-18 18/12/2002 6 . 1 . 0 [get it](#)

G: yes U: MCC: POPE, Maurice

Rel-5

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

TS 21.103 3rd Generation mobile system Release 5 specifications

Rel-5 *current version:* 5.3.0 *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: SP-16
G: U: yes *MCC:* POPE, Maurice

history (event, available, version,
SP-12 0 . 0 . 0 SP-010275 *remarks - general:*
SP-12 05/07/2001 0 . 1 . 0 SP-010381 [get it](#) *remarks - this release:* .
SP-13 01/10/2001 1 . 0 . 0 SP-010418 [get it](#)
SP-15 19/03/2002 1 . 1 . 0 SP-020095 [get it](#)
SP-15 19/03/2002 1 . 2 . 0 SP-020202 [get it](#)
SP-16 2 . 0 . 0
SP-16 2 . 1 . 0 SP-020274
SP-16 2 . 2 . 0 SP-020401
SP-16 19/06/2002 5 . 0 . 0 SP-020411 [get it](#)
SP-17 18/09/2002 5 . 1 . 0 [get it](#)
SP-18 03/01/2003 5 . 2 . 0 [get it](#)
SP-19 5 . 3 . 0

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

TS 21.111	USIM and IC card requirements						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> KALINER, Stefan		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> TP-16		G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>						
	TP-16 19/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	TP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
<hr/>							
TR 21.801	Specification drafting rules						
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-15		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>		
	edito 19/07/2002	5 . 0 . 1		get it	<i>remarks - this release:</i> .		
<hr/>							
TR 21.877	Radio optimization impacts on the Packet Switched (PS) domain architecture						
Rel-5	<i>current version:</i> 0.7.0	DRAFT	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LAUTIER, Laurence		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	draft 15/04/2002	0 . 2 . 0		get it	<i>remarks - general:</i>		
	draft 14/08/2002	0 . 4 . 0		get it	<i>remarks - this release:</i> .		
	draft 17/09/2002	0 . 5 . 0		get it			
	draft 16/12/2002	0 . 6 . 0		get it			
	draft 24/02/2003	0 . 7 . 0		get it			
<hr/>							
TR 21.900	Technical Specification Group working methods						
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M		ETSI Secretariat	
	<i>freeze_meeting:</i> SP-15		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>		
	edito post SP-17 18/09/2002	5 . 0 . 1	corrects Release id on cover page	get it	<i>remarks - this release:</i> .		

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

TR 21.905 Vocabulary for 3GPP Specifications

Rel-5 *current version:* 5.6.0
freeze_meeting: SP-15
history (event, available, version,
SP-12 27/06/2001 5 . 0 . 0
SP-13 05/10/2001 5 . 1 . 0
SP-14 10/01/2002 5 . 2 . 0
SP-15 25/03/2002 5 . 3 . 0
SP-16 04/07/2002 5 . 4 . 0
SP-17 16/09/2002 5 . 5 . 0
SP-19 5 . 6 . 0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TS 22.004	General on supplementary services								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
TS 22.011	Service accessibility								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
	SP-17 17/09/2002	5	.	1	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
							get it	<i>remarks - this release:</i> .	
TS 22.016	International Mobile Equipment Identities (IMEI)								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>history (event, available, version,</i>								
	SP-16 19/07/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-17								
	<i>history (event, available, version,</i>								
	SP-17 18/09/2002	5	.	0	.	0			identical to 4.1.0.
							get it	<i>remarks - general:</i> Transfer>TSG#4	<i>remarks - this release:</i> .
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> SP-16								
	<i>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)	WG (prime / other): S1 / - G: yes U: yes	rapporteur: TOIVANEN, Annukka MCC: CLAYTON, Michael	NOKIA Corporation
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 19/07/2002 5 . 0 . 0)		remarks - general: Transfer>TSG#4 remarks - this release: .	
<hr/>				
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1	WG (prime / other): S3 / G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One
Rel-5	current version: 5.0.0 freeze_meeting: SP-18 history (event, available, version, SP-18 06/01/2003 5 . 0 . 0 Technically identical to 43.031 v5.0.0.		remarks - general: SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & remarks - this release: Created from 42.031 Rel-5. Rel-5 -> 22.031.	
<hr/>				
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1	WG (prime / other): S3 / G: yes U: yes	rapporteur: WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 24/06/2002 5 . 0 . 0)		remarks - general: SP-16: created to take over from 02.32 (R99) and 42.032 (Rel-4 onwards). remarks - this release: .	
<hr/>				
TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1	WG (prime / other): S1 / - G: yes U: yes	rapporteur: KOKKOLA, Tommi MCC: CLAYTON, Michael	NOKIA Corporation
Rel-5	current version: 5.0.0 freeze_meeting: SP-16 history (event, available, version, SP-16 19/07/2002 5 . 0 . 0)		remarks - general: Transfer>TSG#4 remarks - this release: .	
<hr/>				
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1	WG (prime / other): S1 / - G: yes U: yes	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited
Rel-5	current version: 5.2.0 freeze_meeting: SP-15 history (event, available, version, SP-09 18/10/2000 5 . 0 . 0 SP-10 08/01/2001 5 . 1 . 0 SP-12 27/06/2001 5 . 2 . 0)		remarks - general: Transfer>TSG#4 remarks - this release: . get it get it get it	

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

TS 22.041	Operator Determined Call Barring									
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	WOLAK, Stephen	VODAFONE Group Plc				
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4					
					remarks - this release: .					
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1									
Rel-5	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	DAHLKVIST, Mikael	ERICSSON MOBILE COMMUNICATIONS AB				
	freeze_meeting: SP-16	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,	SP-16 19/07/2002 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4					
					remarks - this release: .					
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1									
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)				
	freeze_meeting: SP-16	G: yes U: yes		MCC:	USAI, Paolino					
history (event, available, version,	SP-16 28/06/2002 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4.					
					remarks - this release: .					
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1									
Rel-5	current version: 5.4.0	WG (prime / other):	S1 / -	rapporteur:	CATALDO, Mark	Openwave Systems (N.I.) Ltd				
	freeze_meeting: SP-15	G: yes U: yes		MCC:	CLAYTON, Michael					
history (event, available, version,	SP-09 18/10/2000 5 . 0 . 0			get it	remarks - general: Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution					
	SP-11 02/04/2001 5 . 1 . 0			get it	remarks - this release: Environment (MExE); Stage 1".					
	SP-13 05/10/2001 5 . 2 . 0			get it						
	SP-15 25/03/2002 5 . 3 . 0			get it						
edito post	SP-15 04/04/2002 5 . 3 . 1			get it						
	SP-16 04/07/2002 5 . 4 . 0			get it						

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

TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1						
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</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						
	SP-19 5 . 3 . 0						
<hr/>							
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd	
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
	<i>history (event, available, version,</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> .

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

TS 22.076 Noise suppression for the AMR codec; Service description; Stage 1

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
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:*
remarks - this release: .

TS 22.078 Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1

Rel-5 *current version:* 5.10.0 *WG (prime / other):* S1 / - *rapporteur:* GRECH, Michel Lucent Technologies Network Systems UK
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-09 09/11/2000 5 . 0 . 0 unclear how to implement CR [get it](#) *remarks - general:*
SP-10 08/01/2001 5 . 1 . 0 [get it](#) *remarks - this release:*
SP-11 02/04/2001 5 . 2 . 0 [get it](#)
SP-12 27/06/2001 5 . 3 . 0 [get it](#)
SP-13 05/10/2001 5 . 4 . 0 [get it](#)
SP-14 10/01/2002 5 . 5 . 0 [get it](#)
SP-15 25/03/2002 5 . 6 . 0 [get it](#)
SP-16 04/07/2002 5 . 7 . 0 [get it](#)
SP-17 17/09/2002 5 . 8 . 0 [get it](#)
SP-18 18/12/2002 5 . 9 . 0 [get it](#)
edito (fix missing 07/01/2003 5 . 9 . 1 [get it](#)
headers/footers)
SP-19 5 . 10 . 0

TS 22.079 Support of optimal routing; Stage 1

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

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

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					Server	ACTIVE specs	Rel-5	22	.- series
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> .						
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> .						
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-16	<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> .						
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-16	<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> .						
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd					
	<i>freeze_meeting:</i> SP-16	<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 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.087	User-to-user signalling (UUS); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BRADEN, Christian			T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.088	Call Barring (CB) supplementary services; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	
<hr/>						
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i> .	

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</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 22.094	Follow Me service description - Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BERGMANN, Ansgar	Deutsche Telekom AG			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.096	Name identification supplementary services; Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</i>	SP-16 19/07/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
<i>history (event, available, version,</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 22.101 Service aspects; Service principles

Rel-5 *current version:* 5.9.0
freeze_meeting: SP-15
history (event, available, version,
SP-09 18/10/2000 5 . 0 . 0
SP-10 08/01/2001 5 . 1 . 0
SP-11 02/04/2001 5 . 2 . 0
SP-12 27/06/2001 5 . 3 . 0
SP-13 05/10/2001 5 . 4 . 0
SP-15 25/03/2002 5 . 5 . 0
SP-16 04/07/2002 5 . 6 . 0
SP-17 17/09/2002 5 . 7 . 0
SP-18 18/12/2002 5 . 8 . 0
SP-19 5 . 9 . 0

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

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

TS 22.105 Services and service capabilities

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

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

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

TS 22.112 USIM toolkit interpreter; Stage 1

Rel-5 *current version:* 5.0.0
freeze_meeting: TP-15
history (event, available, version,
TP-13 12/10/2001 5 . 0 . 0

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

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

TS 22.115 Service Aspects Charging and billing

Rel-5 *current version:* 5.2.0
freeze_meeting: SP-15
history (event, available, version,
SP-11 02/04/2001 5 . 0 . 0
SP-12 27/06/2001 5 . 1 . 0
SP-15 28/03/2002 5 . 2 . 0

WG (prime / other): S1 / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
G: yes *U:* yes *MCC:* Emanuele CLAYTON, Michael

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

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TR 22.121 Service aspects; The Virtual Home Environment; Stage 1

Rel-5 *current version:* 5.3.1 *WG (prime / other):* S1 / - *rapporteur:* OGUNBEKUN, Jumoke FUJITSU Laboratories of Europe Limited
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

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 *current version:* 5.5.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,

SP-12	27/06/2001	5	.	0	.	0	get it	<i>remarks - general:</i>	
SP-13	05/10/2001	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
edito	09/10/2001	5	.	1	.	1	get it		
SP-14	10/01/2002	5	.	2	.	0	get it		
SP-15	29/03/2002	5	.	3	.	0	get it		
SP-16	04/07/2002	5	.	4	.	0	get it		
SP-18	18/12/2002	5	.	5	.	0	get it		

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	5	.	0	.	0	get it	<i>remarks - general:</i>	
SP-14	10/01/2002	5	.	1	.	0	get it	<i>remarks - this release:</i>	.
SP-16	04/07/2002	5	.	2	.	0	get it		

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	5	.	0	.	0	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.

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TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-5 *current version:* 5.4.0
freeze_meeting: SP-15
history (event, available, version,
SP-14 10/01/2002 5 . 0 . 0
SP-15 28/03/2002 5 . 1 . 0
SP-16 04/07/2002 5 . 2 . 0
SP-17 17/09/2002 5 . 3 . 0
SP-18 20/12/2002 5 . 4 . 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:* .
[get it](#)
[get it](#)

TS 22.226 Global text telephony (GTT); Stage 1: Service description

Rel-5 *current version:* 5.2.0
freeze_meeting: SP-15
history (event, available, version,
SP-09 27/11/2000 1 . 0 . 0
SP-12 27/06/2001 2 . 0 . 0 SP-010266
SP-12 27/06/2001 5 . 0 . 0
SP-13 05/10/2001 5 . 1 . 0
SP-15 28/03/2002 5 . 2 . 0

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

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

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

Rel-5 *current version:* 5.6.0
freeze_meeting: SP-15
history (event, available, version,
SP-09 28/09/2000 1 . 0 . 0
SP-10 12/01/2001 5 . 0 . 0
SP-11 02/04/2001 5 . 1 . 0
SP-12 27/06/2001 5 . 2 . 0
SP-13 05/10/2001 5 . 3 . 0
SP-14 10/01/2002 5 . 4 . 0
SP-15 28/03/2002 5 . 5 . 0
SP-16 19/07/2002 5 . 6 . 0

WG (prime / other): S1 / - *rapporteur:* CATALDO, Mark
G: yes *U:* yes *MCC:* CLAYTON, Michael Openwave Systems (N.I.) Ltd

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* Clayton 2000-10-16: Rel-5 confirmed.
[get it](#)
[get it](#)
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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: .	
TR 22.941	IP based multimedia framework; Stage 0							
Rel-5	current version: 0.7.0	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. SP-18: annex C presented at "evolution" workshop (EV-020021).	
	draft 15/10/2001	0 . 4 . 1				get it		
	SP-14 02/01/2002	0 . 7 . 0	NP-010701 (!)			get it		
TR 22.944	Service requirements for UE functionality split							
Rel-5	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		

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

TS 23.002	Network architecture								
Rel-5	current version: 5.10.0			WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting: SP-15			G: yes U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	SP-09 18/10/2000	5	. 0	. 0	get it	remarks - general: Transfer>TSG#4,CR at TSG#5			
	SP-10 21/12/2000	5	. 1	. 0	get it	remarks - this release:			
	SP-11 06/04/2001	5	. 2	. 0	get it				
	SP-12 12/07/2001	5	. 3	. 0	get it				
	SP-13 12/10/2001	5	. 4	. 0	get it				
	SP-14 07/01/2002	5	. 5	. 0	get it				
	SP-15 02/04/2002	5	. 6	. 0	get it				
	SP-16 17/06/2002	5	. 7	. 0	get it				
	SP-17 24/09/2002	5	. 8	. 0	get it				
	SP-18 10/01/2003	5	. 9	. 0	get it				
	SP-19	5	. 10	. 0					
TS 23.003	Numbering, Addressing and Identification								
Rel-5	current version: 5.5.1			WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: NP-15			G: yes U: yes	MCC: 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 11/01/2002	5	. 2	. 0	get it				
	NP-16 21/06/2002	5	. 3	. 0	get it				
	NP-17 17/09/2002	5	. 4	. 0	get it				
	NP-18 07/01/2003	5	. 5	. 0	get it				
	post NP-18 fix 10/01/2003	5	. 5	. 1	get it				
	corrupted figures								
	pp24 ff								

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TS 23.007	Restoration procedures					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick		VODAFONE LTD
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 21/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 23.008	Organisation of subscriber data					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf		ALCATEL SEL AG
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-16 21/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-17 17/09/2002	5 . 2 . 0		get it		
	NP-18 07/01/2003	5 . 3 . 0		get it		
	NP-19	5 . 4 . 0				
<hr/>						
TS 23.009	Handover procedures					
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> N1 / N4	<i>rapporteur:</i> FARHOUMAND,		Ericsson Incorporated
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> ROUZBEH, Per Johan		
	<i>history (event, available, version,</i>					
	NP-14 08/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-16 20/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	
	NP-17 17/09/2002	5 . 2 . 0		get it		
	NP-18 02/01/2003	5 . 3 . 0		get it		
	NP-19	5 . 4 . 0				
<hr/>						
TS 23.011	Technical realization of Supplementary Services					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CONRAD, Alan		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	

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TS 23.012	Location management procedures					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 23.014	Support of Dual Tone Multi Frequency (DTMF) signalling					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	NP-16 26/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i> Should not be in UMTS ????	
	NP-17 17/09/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>	
<hr/>						
TS 23.015	Technical realisation of Operator Determined Barring (ODB)					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 23.016	Subscriber data management; Stage 2					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	NP-15 28/03/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
	NP-16 21/06/2002 5 . 1 . 0			get it	<i>remarks - this release:</i>	
	NP-17 17/09/2002 5 . 2 . 0			get it		

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TS 23.018	Basic Call Handling; Technical realization							
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>							
	NP-12 27/06/2001	5 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-13 03/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i> .			
	NP-14 16/01/2002	5 . 2 . 0		get it				
	NP-15 28/03/2002	5 . 3 . 0		get it				
	NP-17 17/09/2002	5 . 4 . 0		get it				
	NP-18 07/01/2003	5 . 5 . 0		get it				
	NP-19	5 . 6 . 0						
TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2							
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-18		G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>							
	SP-18 06/01/2003	5 . 0 . 0	Technically identical to 43.031 v5.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &			
					<i>remarks - this release:</i> Created from 43.031 Rel-5. Rel-5 -> 23.031.			
TS 23.032	Universal Geographical Area Description (GAD)							
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-19		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>							
	SP-19	5 . 0 . 0			<i>remarks - general:</i> S2 responsibility?			
					<i>remarks - this release:</i> .			
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2							
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, Inmaculada		NOKIA Corporation		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>							
	NP-16 26/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>			
	NP-18 18/12/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .			
	NP-19	5 . 2 . 0						

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TS 23.035	Immediate Service Termination (IST); Stage 2				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes <i>U:</i> 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 03.35 (R99) and 43.035 (Rel-4 onwards).		
	SP-17 18/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
<hr/>					
TS 23.038	Alphabets and language-specific information				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<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-15 21/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<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 02/07/2002 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 23.040	Technical realization of Short Message Service (SMS)				
Rel-5	<i>current version:</i> 5.5.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<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>				
	NP-12 05/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-13 03/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .		
	TP-14 11/01/2002 5 . 2 . 0	get it			
	TP-15 26/03/2002 5 . 3 . 0	get it			
	TP-16 05/07/2002 5 . 4 . 0	get it			
	TP-17 18/09/2002 5 . 5 . 0	get it			
	post TP-17: adds 24/09/2002 5 . 5 . 1	get it			
	test vector file				

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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

Rel-5 *current version:* 5.1.0
freeze_meeting: TP-16
history (event, available, version,
TP-16 26/06/2002 5 . 0 . 0
TP-19 5 . 1 . 0

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

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

TS 23.042 Compression algorithm for SMS

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

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

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

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

Rel-5 *current version:* 5.6.0
freeze_meeting: TP-15
history (event, available, version,
TP-12 06/07/2001 5 . 0 . 0
TP-13 12/10/2001 5 . 1 . 0
TP-14 17/01/2002 5 . 2 . 0
TP-15 28/03/2002 5 . 3 . 0
TP-17 23/09/2002 5 . 4 . 0
TP-18 02/01/2003 5 . 5 . 0
TP-19 5 . 6 . 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](#)
[get it](#)

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

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 / S2 *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* No draft.
remarks - this release: .

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TS 23.057	Mobile Execution Environment (MExE); Functional description; Stage 2								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> T2 / -		<i>rapporteur:</i> BRENK, Lars			TTPCom Ltd	
	<i>freeze_meeting:</i> TP-15		G: yes U: yes		<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	TP-15 25/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Apr-2001: " Station Application" removed from title.			
	TP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 23.060	General Packet Radio Service (GPRS) Service description; Stage 2								
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> S2 / -		<i>rapporteur:</i> ZHAO, Yilin			MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-15		G: yes U: yes		<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-14 08/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-15 05/04/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	SP-16 17/06/2002	5 . 2 . 0		get it					
	SP-17 02/10/2002	5 . 3 . 0		get it					
	SP-18 10/01/2003	5 . 4 . 0		get it					Seems that approved CR418 was not implemented.
	SP-19	5 . 5 . 0							
<hr/>									
TS 23.066	Support of GSM Mobile Number Portability (MNP) stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> LOPEZ SORIA, Luis			Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4, CR at TSG#5			
					<i>remarks - this release:</i>	.			
<hr/>									
TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> SCHMITT, Peter			SIEMENS AG	
	<i>freeze_meeting:</i> NP-15		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 23.072	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> 5.3.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
	<i>history (event, available, version,</i>					
	NP-16 17/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> Phase 4.			
	NP-18 18/12/2002 5 . 2 . 0	get it				
	NP-19 5 . 3 . 0					
<hr/>						
TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	Chalmers			
	<i>history (event, available, version,</i>		<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-15 28/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 5 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-16 24/06/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-19 5 . 2 . 0					

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TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16 21/06/2002 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: KYMALAINEN, Kimmo MCC: KYMALAINEN, Kimmo	TeliaSonera AB
			get it	remarks - general: remarks - this release: .	
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2	Rel-5 current version: 5.1.0 freeze_meeting: NP-15 history (event, available, version, NP-15 28/03/2002 5 . 0 . 0 NP-17 17/09/2002 5 . 1 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD
			get it	remarks - general: remarks - this release: .	
TS 23.084	MultiParty (MPTY) Supplementary Service; Stage 2	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-12 27/06/2001 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: RUSSELL, Nick MCC: KYMALAINEN, Kimmo	VODAFONE LTD
			get it	remarks - general: remarks - this release: .	
TS 23.085	Closed User Group (CUG) Supplementary Service; Stage 2	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software
			get it	remarks - general: remarks - this release: .	
TS 23.086	Advice of Charge (AoC) Supplementary Service; Stage 2	Rel-5 current version: 5.0.0 freeze_meeting: NP-15 history (event, available, version, NP-16 24/06/2002 5 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software
			get it	remarks - general: remarks - this release: .	

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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> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 23.090	Unstructured Supplementary Service Data (USSD); Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CROOK, Mick	ORANGE PCS LTD					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-16	21/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
NP-17	17/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>					
<hr/>									
TS 23.093	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>									
NP-16	24/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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

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

TS 23.094	Follow Me Stage 2								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>								
	NP-16 24/06/2002	5	.	0	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5
	post NP-16 edito: 01/07/2002	5	.	0	.	1		get it	<i>remarks - this release:</i> .
	make fig 5.1								
<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> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</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> 5.8.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GREIS, Marc	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-15			<i>G: U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-11 11/04/2001	5	.	0	.	0		get it	<i>remarks - general:</i> was 23.907
	SP-12 29/06/2001	5	.	1	.	0		get it	<i>remarks - this release:</i>
	SP-13 12/10/2001	5	.	2	.	0		get it	
	SP-14 07/01/2002	5	.	3	.	0		get it	
	SP-15 07/04/2002	5	.	4	.	0		get it	
	SP-16 17/06/2002	5	.	5	.	0		get it	
	SP-17 24/09/2002	5	.	6	.	0		get it	
	SP-18 10/01/2003	5	.	7	.	0		get it	
	SP-19	5	.	8	.	0		get it	

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TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S					
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</i>	NP-16 28/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> This is clause 7 from 04.08 ex R98.						
			<i>remarks - this release:</i> 2002-04-15: N1-23 decision to continue to Rel-5.						
<hr/>									
TS 23.116	Super-Charger technical realization; Stage 2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> New after TSG#5						
			<i>remarks - this release:</i> .						
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.					
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> New after TSG#5						
			<i>remarks - this release:</i> .						
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation					
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
<i>history (event, available, version,</i>	NP-16 24/06/2002 5 . 0 . 0								
	NP-17 17/09/2002 5 . 1 . 0	get it	<i>remarks - general:</i>						
	NP-18 18/12/2002 5 . 2 . 0	get it	<i>remarks - this release:</i> .						
		get it							
<hr/>									
TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GOURRAUD,	ERICSSON RESEARCH CANADA					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> YOON, Sang-Ui						
<i>history (event, available, version,</i>	SP-14 07/01/2002 5 . 0 . 0								
	SP-15 05/04/2002 5 . 1 . 0	get it	<i>remarks - general:</i> Sept 00: "Open Service Architecture" removed from title.						
	SP-16 17/06/2002 5 . 2 . 0	get it	<i>remarks - this release:</i> .						
		get it							

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TS 23.135 Multicall supplementary service; Stage 2

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

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: TP-15 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
TP-14 11/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* 2002-01-25: WAP forum elements will not be ready in time for Rel-5, so suspend
SDO publication till it is available.
TP-15 29/03/2002 5 . 2 . 0 [get it](#)
TP-16 05/07/2002 5 . 3 . 0 Schema delivered 2002-07-07 (uploaded [get it](#)
-19) to
[http://www.3gpp.org/ftp/Specs/archive/
23_series/23.140/schema/REL-5-MM7-1](http://www.3gpp.org/ftp/Specs/archive/23_series/23.140/schema/REL-5-MM7-1)
TP-17 30/09/2002 5 . 4 . 0 Schema v1.1 uploaded 2002-11-14. [get it](#)
TP-18 20/12/2002 5 . 5 . 0 Schema v1.2 (REL-5-MM7-1-2.xsd) [get it](#)
uploaded 2003-01-08 and version
without file extension 2003-01-14.
TP-19 5 . 6 . 0

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

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

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Server ACTIVE specs Rel-5 23 .- series
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TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-15 28/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
NP-16 21/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-17 18/09/2002 5 . 2 . 0 [get it](#)
NP-18 09/01/2003 5 . 3 . 0 [get it](#)
NP-19 5 . 4 . 0

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* N3 / - *rapporteur:* WIIK, Rune Werner Telefon AB LM Ericsson
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
draft 18/04/2002 1 . 0 . 0 [get it](#) *remarks - general:*
NP-16 25/06/2002 2 . 0 . 0 NP-020168 [get it](#) *remarks - this release:* .
NP-16 28/06/2002 5 . 0 . 0 [get it](#)
NP-18 09/01/2003 5 . 1 . 0 [get it](#)

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-14 10/01/2002 5 . 0 . 0 [get it](#) *remarks - general:* 2000-10: Rap change from Keutmann.
NP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 21/06/2002 5 . 2 . 0 [get it](#)
NP-17 18/09/2002 5 . 3 . 0 [get it](#)
NP-18 07/01/2003 5 . 4 . 0 [get it](#)
NP-19 5 . 5 . 0

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

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

Rel-5 *current version:* 5.7.0 *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-12 2 . 0 . 0 SP-010337 *remarks - general:*
SP-12 02/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 15/10/2001 5 . 1 . 0 [get it](#)
SP-14 07/01/2002 5 . 2 . 0 [get it](#)
SP-15 05/04/2002 5 . 3 . 0 [get it](#)
SP-16 18/06/2002 5 . 4 . 0 [get it](#)
SP-17 24/09/2002 5 . 5 . 0 [get it](#)
SP-18 10/01/2003 5 . 6 . 0 [get it](#)
SP-19 5 . 7 . 0

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

Rel-5 *current version:* 5.4.0 *WG (prime / other):* N1 / - *rapporteur:* DRAGE, Keith Lucent Technologies Network Systems UK
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
draft 30/03/2001 0 . 5 . 0 [get it](#) *remarks - general:*
draft 20/08/2001 0 . 5 . 2 [get it](#) *remarks - this release:* .
draft 11/09/2001 0 . 6 . 0 [get it](#)
draft 10/10/2001 0 . 7 . 0 [get it](#)
draft 05/11/2001 0 . 8 . 0 [get it](#)
draft 19/11/2001 0 . 9 . 0 [get it](#)
NP-14 05/12/2001 1 . 0 . 0 NP-010640 [get it](#)
draft 22/01/2002 1 . 1 . 0 [get it](#)
draft 06/02/2002 1 . 2 . 0 [get it](#)
draft 26/02/2002 2 . 0 . 0 [get it](#)
NP-15 19/03/2002 2 . 0 . 1 NP-020047 [get it](#)
NP-15 19/03/2002 5 . 0 . 0 [get it](#)
NP-16 25/06/2002 5 . 1 . 0 [get it](#)
NP-17 17/09/2002 5 . 2 . 0 [get it](#)
NP-18 18/12/2002 5 . 3 . 0 [get it](#)
NP-19 5 . 4 . 0

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TS 23.221	Architectural requirements								
Rel-5	<i>current version:</i> 5.7.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth	Lucent Technologies Network Systems UK			
	<i>freeze_meeting:</i> SP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-11 06/04/2001	5 . 0 . 0		get it	<i>remarks - general:</i>	Derived from R99-specific 23.121			
	SP-12 02/07/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-13 12/10/2001	5 . 2 . 0		get it					
	SP-14 07/01/2002	5 . 3 . 0		get it					
	SP-15 05/04/2002	5 . 4 . 0		get it					
	SP-16 18/06/2002	5 . 5 . 0		get it					
	SP-17 02/10/2002	5 . 6 . 0		get it					
	SP-18 10/01/2003	5 . 7 . 0		get it					

TS 23.226	Global text telephony (GTT); Stage 2: Architecture								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB			
	<i>freeze_meeting:</i> NP-15			<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	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					

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

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TS 23.228 IP Multimedia Subsystem (IMS); Stage 2

Rel-5	<i>current version:</i> 5.8.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> TOWLE, Thomas	Lucent Technologies
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui	
<i>history (event, available, version,</i>					
	draft 30/11/2000	1 . 0 . 0		get it	<i>remarks - general:</i>
	SP-10 10/01/2001	1 . 4 . 0	SP-000598		<i>remarks - this release:</i>
	draft 06/02/2001	1 . 7 . 0		get it	
	SP-11 06/04/2001	5 . 0 . 0		get it	
	SP-12 02/07/2001	5 . 1 . 0		get it	
	SP-13 17/10/2001	5 . 2 . 0		get it	
	repair of lost figures	5 . 2 . 1			
	SP-14 04/01/2002	5 . 3 . 0		get it	
	SP-15 08/04/2002	5 . 4 . 0		get it	
	edito post SP-15 12/04/2002	5 . 4 . 1		get it	
	SP-16 17/06/2002	5 . 5 . 0		get it	
	SP-17 30/09/2002	5 . 6 . 0		get it	
	SP-18 07/01/2003	5 . 7 . 0		get it	
	SP-19	5 . 8 . 0		get it	

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

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

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

Rel-5	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> UZQUIANO, Nacho	TELEFONICA DE ESPAÑA SA
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> YOON, Sang-Ui	
<i>history (event, available, version,</i>					
	SP-19	0 . 12 . 0		<i>remarks - general:</i> Cf work item 'Generic user profile'	
	SP-19	1 . 0 . 0	S2-030944 -> SP-030031	<i>remarks - this release:</i> SP-17: anticipate 1.0.0 at SP-18, 2.0.0 at SP-19.	

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-13 15/10/2001 5 . 0 . 0 [get it](#) *remarks - general:* post-TSG#8: Recombined 2G and 3G spec for R00 onwards.
SP-14 07/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-15 29/03/2002 5 . 2 . 0 [get it](#)
SP-16 18/06/2002 5 . 3 . 0 [get it](#)
SP-17 24/09/2002 5 . 4 . 0 [get it](#)
SP-18 09/01/2003 5 . 5 . 0 [get it](#)
SP-19 5 . 6 . 0

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N2 / - *rapporteur:* REMOQUILLO, Angelica Lucent Technologies
freeze_meeting: NP-18 *G: yes U: yes* *MCC:* JURISIC, Andrijana
history (event, available, version,
NP-14 02/01/2002 1 . 0 . 0 NP-010586 [get it](#) *remarks - general:* 2001-10-26: renumbered from 23.178.
NP-15 19/03/2002 1 . 1 . 0 NP-020059 [get it](#) *remarks - this release:* Was briefly 23.178. CAMEL Phase 4.
NP-16 26/06/2002 2 . 0 . 0 NP-020207 - not approved [get it](#)
NP-17 24/09/2002 2 . 1 . 0 NP-020348 [get it](#)
NP-17 17/09/2002 5 . 0 . 0 [get it](#)
NP-18 10/01/2003 5 . 1 . 0 [get it](#)
NP-19 5 . 2 . 0

TR 23.815 Charging implications of IMS architecture

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S2 / *rapporteur:* MILINSKI, Alexander SIEMENS AG
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 0 . 0 . 0 2001-08 *remarks - general:* Was 23.915.
S2-19 0 . 1 . 0 2001-10 *remarks - this release:* 2002-04 (Rapporteur): Proposed to withdraw, since contents has now been fully absorbed into S5 specs (esp 32.225).
S2-20 20/11/2001 0 . 2 . 0 [get it](#)
S2-21 04/12/2001 0 . 3 . 0 [get it](#)
SP-14 11/01/2002 1 . 0 . 0 SP-010718 [get it](#)
SP-15 19/03/2002 2 . 0 . 0 SP-020144 [get it](#)
SP-15 05/04/2002 5 . 0 . 0 [get it](#)

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TR 23.871	Enhanced support for user privacy in Location Services (LCS)								
Rel-5	<i>current version:</i> 5.0.0			WG (prime / other): S2 /		<i>rapporteur:</i> KÅLL, Jan		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-15			G: U: yes		<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>								
	draft	0 . 0 . 1							<i>remarks - general:</i>
	draft	0 . 0 . 2							<i>remarks - this release:</i> Not to progress to Rel-6: see 23.271.
	draft	0 . 0 . 3							
	draft	0 . 1 . 0							
	S2-21	0 . 2 . 0							
	draft	0 . 3 . 0							
	draft	0 . 4 . 0							
	SP-14 02/01/2002	1 . 0 . 0	SP-010717						get it
	S2-23	1 . 2 . 0							
	draft 19/03/2002	1 . 3 . 0							get it
	SP-15	2 . 0 . 0	not presented						
	SP-16 22/07/2002	2 . 1 . 0	SP-020379						get it
	SP-16 25/07/2002	5 . 0 . 0							get it
<hr/>									
TR 23.875	Support of Push service								
Rel-5	<i>current version:</i> 5.1.0			WG (prime / other): S2 /		<i>rapporteur:</i> UDA, Nobuyuki		NTT COMWARE Corporation	
	<i>freeze_meeting:</i> SP-15			G: U: yes		<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>								
	SP-13 16/10/2001	5 . 0 . 0	derived from SP-010508						<i>remarks - general:</i> SP-13: changed number from 23.974.
	SP-14 04/04/2002	5 . 1 . 0							<i>remarks - this release:</i> .
<hr/>									
TR 23.910	Circuit switched data bearer services								
Rel-5	<i>current version:</i> 5.3.0			WG (prime / other): N3 / -		<i>rapporteur:</i> HUSLENDE, Ragnar		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> NP-15			G: U: yes		<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>								
	NP-14 11/01/2002	5 . 0 . 0							<i>remarks - general:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)
	NP-17 17/09/2002	5 . 1 . 0							<i>remarks - this release:</i> .
	NP-18 06/01/2003	5 . 2 . 0							
	NP-19	5 . 3 . 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 23.955 Virtual Home Environment (VHE) concepts
Rel-5 *current version:* 0.1.0 DRAFT
freeze_meeting: SP-16
history (event, available, version,
draft 08/01/2001 0 . 0 . 0
draft 24/01/2001 0 . 1 . 0

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

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

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

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15

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-16 28/06/2002 5 . 0 . 0
NP-19 5 . 1 . 0

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

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15

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

history (event, available, version,
NP-16 24/06/2002 5 . 0 . 0
NP-17 17/09/2002 5 . 1 . 0

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

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 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3								
Rel-5	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> JORGENSEN, Per Johan				
<i>history (event, available, version,</i>									
	NP-12 13/07/2001	5 . 0 . 0		get it	<i>remarks - general:</i> CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to				
	NP-13 05/10/2001	5 . 1 . 0		get it	<i>remarks - this release:</i> . be resolved till Jun00.				
	NP-14 10/01/2002	5 . 2 . 0		get it					
	NP-15 21/03/2002	5 . 3 . 0		get it					
	NP-16 24/06/2002	5 . 4 . 0		get it					
	NP-17 17/09/2002	5 . 5 . 0		get it					
	NP-18 18/12/2002	5 . 6 . 0		get it					
	NP-19	5 . 7 . 0							

TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		Peter Skov				
<i>history (event, available, version,</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> .				

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / T2		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		Peter Skov				
<i>history (event, available, version,</i>					<i>MCC:</i> JORGENSEN, Per Johan				
	NP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	NP-18 18/12/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> BOSWARTHICK, David				
<i>history (event, available, version,</i>									
	NP-14 16/01/2002	5 . 0 . 0		get it	<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link				
	NP-18 06/01/2003	5 . 1 . 0		get it	<i>remarks - this release:</i> . Protocol (RLP) for Data and Telematic Services on the (MS-BSS) Interface and				
	NP-19	5 . 2 . 0			the Base Station System - Mobile-services Switching Centre (BSS-MSC)				

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

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TS 24.030	Location Services (LCS); Supplementary service operations; Stage 3								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<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>	TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-16 21/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			
TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-16 21/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
	NP-17 18/09/2002	5 . 2 . 0		get it					
	NP-18 07/01/2003	5 . 3 . 0		get it					
TS 24.081	Line Identification Supplementary Service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> NP-15	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
	NP-16 24/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			

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TS 24.082	Call Forwarding supplementary service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.084	MultiParty (MPY) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0					
		get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

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

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TS 24.087	User-to-User Signalling (UUS); Stage 3								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> BRUSS, Jörg		ERICSSON Eurolab Deutschland GmbH		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 24.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 3								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 24.093	Call Completion to Busy Subscriber (CCBS); Stage 3								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> NP-15		G: yes U: yes		<i>MCC:</i> KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>									
NP-16	25/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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TS 24.096 Name Identification Supplementary Service; Stage 3

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

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

Gesellschaft für Kommunikations Software

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

TS 24.135 Multicall supplementary service; Stage 3

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

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

NTT COMWARE Corporation

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

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

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

Rel-5	current version: 5.4.0	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		
NP-17	17/09/2002	5 . 2 . 0		get it		
NP-18	10/01/2003	5 . 3 . 0		get it		
NP-19		5 . 4 . 0				

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

Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DRAGE, Keith	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> NP-16		<i>G: yes U: yes</i>	<i>MCC:</i> JORGENSEN, Per Johan	
<i>history (event, available, version,</i>					
NP-10		0 . 0 . 6		<i>remarks - general:</i>	NP-14: confirmed that this is appropriate for GSM as well as UMTS.
NP-10	05/01/2001	0 . 0 . 7	N1-001115->1379 (NP-000684)	get it	<i>remarks - this release:</i>
draft	26/03/2001	0 . 1 . 0		get it	
draft	10/05/2001	0 . 2 . 0		get it	
draft	26/06/2001	0 . 3 . 0		get it	
draft	26/07/2001	0 . 4 . 0		get it	
draft	12/09/2001	0 . 5 . 0		get it	
draft	09/10/2001	0 . 6 . 0		get it	
draft	24/10/2001	0 . 7 . 0		get it	
draft	19/11/2001	0 . 8 . 0		get it	
NP-14	06/12/2001	1 . 0 . 0	NP-010642	get it	
draft	22/01/2002	1 . 1 . 0		get it	
draft	06/02/2002	1 . 2 . 0		get it	
draft	06/02/2002	1 . 2 . 1		get it	
draft	27/02/2002	2 . 0 . 0		get it	
NP-15	19/03/2002	2 . 0 . 2	NP-020049	get it	
NP-15	19/03/2002	5 . 0 . 0	not frozen	get it	
NP-16	28/06/2002	5 . 1 . 0	CR009 not implemented; expect further CR at NP-17 to remove it.	get it	
NP-17	17/09/2002	5 . 2 . 0		get it	
NP-18	20/12/2002	5 . 3 . 0		get it	
NP-19		5 . 4 . 0			

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

Rel-5 *current version:* 5.6.0

freeze_meeting: RP-15

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0
RP-14	14/01/2002	5	.	1	.	0
RP-15	29/03/2002	5	.	2	.	0
RP-16	01/07/2002	5	.	3	.	0
RP-17	04/10/2002	5	.	4	.	0
RP-18	10/01/2003	5	.	5	.	0
RP-19		5	.	6	.	0

WG (prime / other): R4 / - *rapporteur:* FERNANDES, Edgar MOTOROLA Ltd

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

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

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

Rel-5 *current version:* 5.4.0

freeze_meeting: RP-15

history (event, available, version,

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

Fixes change history table entry.

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

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

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

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

Rel-5 *current version:* 5.6.0

freeze_meeting: RP-15

history (event, available, version,

RP-13	03/10/2001	5	.	0	.	0
RP-14	14/01/2002	5	.	1	.	0
RP-15	29/03/2002	5	.	2	.	0
RP-16	01/07/2002	5	.	3	.	0
RP-17	02/10/2002	5	.	4	.	0
RP-18	10/01/2003	5	.	5	.	0
RP-19		5	.	6	.	0

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

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

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

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

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

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

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

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

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

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

TS 25.106 UTRA Repeater; Radio transmission and reception

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15

history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 5 . 4 . 0

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

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

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15

history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0
edito 19/04/2002 5 . 0 . 1
RP-16 01/07/2002 5 . 1 . 0
RP-17 02/10/2002 5 . 2 . 0
RP-18 10/01/2003 5 . 3 . 0
RP-19 5 . 4 . 0

WG (prime / other): R4 / - *rapporteur:* BARNES, David DTI - Department of Trade and Industry
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

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

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 25.123 Requirements for support of radio resource management (TDD)

Rel-5 *current version:* 5.4.0 *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:* .
RP-17 10/10/2002 5 . 2 . 0 [get it](#)
RP-18 10/01/2003 5 . 3 . 0 [get it](#)
RP-19 5 . 4 . 0

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

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R4 / - *rapporteur:* GUERRINI, Claudio TELECOM ITALIA S.p.A.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-13 10/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 17/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 29/03/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
RP-17 04/10/2002 5 . 4 . 0 [get it](#)
RP-18 10/01/2003 5 . 5 . 0 [get it](#)
RP-19 5 . 6 . 0

TS 25.141 Base station conformance testing (FDD)

Rel-5 *current version:* 5.6.0 *WG (prime / other):* R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-13 03/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
RP-14 16/01/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-15 02/04/2002 5 . 2 . 0 [get it](#)
RP-16 04/07/2002 5 . 3 . 0 [get it](#)
edito post RP-16 19/07/2002 5 . 3 . 1 eliminate duplicate clause numbers [get it](#)
RP-17 04/10/2002 5 . 4 . 0 [get it](#)
RP-18 10/01/2003 5 . 5 . 0 [get it](#)
RP-19 5 . 6 . 0

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 25.142	Base station conformance testing (TDD)						
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> MEYER, Juergen	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 04/07/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 04/10/2002	5 . 2 . 0		get it			
	RP-18 10/01/2003	5 . 3 . 0		get it			
	RP-19	5 . 4 . 0					
<hr/>							
TS 25.143	UTRA repeater; Conformance testing						
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> KUMMETZ, Thomas	MIKOM GmbH - Mikrotechnik zur Kommunikation		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar			
	<i>history (event, available, version,</i>						
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Created by renumbering 25.107		
	RP-16 03/07/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 02/10/2002	5 . 2 . 0		get it			
	RP-18 10/01/2003	5 . 3 . 0		get it			
	RP-19	5 . 4 . 0					
<hr/>							
TS 25.201	Physical layer - general description						
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002	5 . 2 . 0		get it			
<hr/>							
TS 25.211	Physical channels and mapping of transport channels onto physical channels (FDD)						
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> WILDE, Andreas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15		G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>						
	RP-15 29/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 27/09/2002	5 . 2 . 0		get it			
	RP-18 07/01/2003	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
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TS 25.212 Multiplexing and channel coding (FDD)

Rel-5 *current version:* 5.4.0

freeze_meeting: RP-15

history (event, available, version,

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

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

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

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

RP-19 5 . 4 . 0

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

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

Fujitsu Limited

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

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

[get it](#)

[get it](#)

TS 25.213 Spreading and modulation (FDD)

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version,

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

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

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

RP-19 5 . 3 . 0

WG (prime / other): R1 / - *rapporteur:* CHAMBERS, Peter

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

SIEMENS AG

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

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

[get it](#)

TS 25.214 Physical layer procedures (FDD)

Rel-5 *current version:* 5.4.0

freeze_meeting: RP-15

history (event, available, version,

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

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

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

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

RP-19 5 . 4 . 0

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

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

NEC Corporation

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

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

[get it](#)

[get it](#)

TS 25.215 Physical layer; Measurements (FDD)

Rel-5 *current version:* 5.3.0

freeze_meeting: RP-15

history (event, available, version,

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

RP-17 27/09/2002 5 . 1 . 0

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

RP-19 5 . 3 . 0

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

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

NEC Corporation

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

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

[get it](#)

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 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 5 . 4 . 0

TS 25.222 Multiplexing and channel coding (TDD)

Rel-5 *current version:* 5.4.0 *WG (prime / other):* R1 / - *rapporteur:* KAHTAVA, Jussi Nokia Japan Co. Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-17 27/09/2002 5 . 2 . 0 [get it](#)
editorial to correct 22/10/2002 5 . 2 . 1 [get it](#)
clause numbers
RP-18 07/01/2003 5 . 3 . 0 [get it](#)
RP-19 5 . 4 . 0

TS 25.223 Spreading and modulation (TDD)

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R1 / - *rapporteur:* VACANT,
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0 [get it](#) *remarks - general:*
RP-16 28/06/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 07/01/2003 5 . 2 . 0 [get it](#)
RP-19 5 . 3 . 0

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 25.224 Physical layer procedures (TDD)

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 29/03/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0
RP-17 27/09/2002 5 . 2 . 0
editorial to correct 22/10/2002 5 . 2 . 1
clause numbers
RP-18 07/01/2003 5 . 3 . 0
RP-19 5 . 4 . 0

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

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

TS 25.225 Physical layer; Measurements (TDD)

Rel-5 *current version:* 5.4.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 02/04/2002 5 . 0 . 0
RP-16 28/06/2002 5 . 1 . 0
RP-17 27/09/2002 5 . 2 . 0
RP-18 07/01/2003 5 . 3 . 0
RP-19 5 . 4 . 0

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

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

TS 25.301 Radio Interface Protocol Architecture

Rel-5 *current version:* 5.2.0
freeze_meeting: RP-15
history (event, available, version,
RP-15 19/03/2002 5 . 0 . 0
RP-16 17/06/2002 5 . 1 . 0
RP-17 18/09/2002 5 . 2 . 0

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang ERICSSON Eurolab Deutschland GmbH
G: *U:* yes *MCC:* ARZELIER, Claude

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

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.302	Services provided by the physical layer								
Rel-5	<i>current version:</i> 5.4.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i> V3.0.0 approved via e-mail July 99 CR at TSG#5?				
	RP-16 17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	RP-17 18/09/2002	5 . 2 . 0		get it					
	RP-18 20/12/2002	5 . 3 . 0		get it					
	RP-19	5 . 4 . 0							

TS 25.303	Interlayer procedures in Connected Mode								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> RINNE, Mikko J				Nokia Research Center
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-16 17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				

TS 25.304	UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MAHKONEN, Marko				NOKIA Corporation
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-15 19/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-16 17/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	RP-18 08/01/2003	5 . 2 . 0		get it					

TS 25.305	User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2								
Rel-5	<i>current version:</i> 5.5.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> MIHAILESCU, Claudiu				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-11 27/03/2001	5 . 0 . 0		get it	<i>remarks - general:</i> Created from 25.923				
	RP-12 19/06/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	RP-13 02/10/2001	5 . 2 . 0		get it					
	RP-14 04/01/2002	5 . 3 . 0		get it					
	RP-15 19/03/2002	5 . 4 . 0		get it					
	RP-19	5 . 5 . 0							

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

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TS 25.306	UE Radio Access capabilities definition								
Rel-5	current version: 5.4.0	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	5 . 0 . 0		get it	remarks - general:	Converted from TR 25.926 at TSG#10.			
	RP-16 17/06/2002	5 . 1 . 0		get it	remarks - this release:	.			
	RP-17 18/09/2002	5 . 2 . 0		get it					
	RP-18 08/01/2003	5 . 3 . 0		get it					
	RP-19	5 . 4 . 0							
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	5 . 0 . 0		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.								
TS 25.308	UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2								
Rel-5	current version: 5.4.0	WG (prime / other):	R2 /	rapporteur:	KUCHIBHOTLA, Ravi	MOTOROLA Ltd			
	freeze_meeting: RP-15	G:	U: yes	MCC:	ARZELIER, Claude				
	history (event, available, version,								
	RP-13 01/10/2001	0 . 1 . 0	RP-010643 for approval	get it	remarks - general:	TS created from entrails of TR 25.855.			
	RP-13 02/10/2001	5 . 0 . 0		get it	remarks - this release:	.			
	RP-14 04/01/2002	5 . 1 . 0		get it					
	RP-15 21/03/2002	5 . 2 . 0		get it					
	RP-18 14/01/2003	5 . 3 . 0		get it					
	RP-19	5 . 4 . 0							
TS 25.321	Medium Access Control (MAC) protocol specification								
Rel-5	current version: 5.4.0	WG (prime / other):	R2 / -	rapporteur:	NEMETHOVA, Olivia	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:	.			
	RP-17 18/09/2002	5 . 2 . 0		get it					
	RP-18 08/01/2003	5 . 3 . 0		get it					
	RP-19	5 . 4 . 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/25_series

TS 25.322 Radio Link Control (RLC) protocol specification

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

RP-15	19/03/2002	5	.	0	.	0
RP-16	17/06/2002	5	.	1	.	0
RP-17	19/09/2002	5	.	2	.	0
RP-18	10/01/2003	5	.	3	.	0
RP-19		5	.	4	.	0

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

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

TS 25.323 Packet Data Convergence Protocol (PDCP) specification

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

RP-15	19/03/2002	5	.	0	.	0
RP-16	17/06/2002	5	.	1	.	0
RP-17	18/09/2002	5	.	2	.	0

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

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

RP-15	19/03/2002	5	.	0	.	0
RP-16	17/06/2002	5	.	1	.	0
RP-18	13/01/2003	5	.	2	.	0
RP-19		5	.	3	.	0

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

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

TS 25.331 Radio Resource Control (RRC) protocol specification

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

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

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

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

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

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Server ACTIVE specs Rel-5 25 .- series
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TS 25.401	UTRAN overall description					
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie			NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-12 06/07/2001 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-13 12/10/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-15 02/04/2002 5 . 2 . 0	get it				
	RP-16 28/06/2002 5 . 3 . 0	get it				
	RP-17 30/09/2002 5 . 4 . 0	get it				
	RP-18 03/01/2003 5 . 5 . 0	get it				
<hr/>						
TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</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> .			
<hr/>						
TS 25.410	UTRAN lu Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard			mmO2 plc
	<i>freeze_meeting:</i> RP-15	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				
<hr/>						
TS 25.411	UTRAN lu 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> .			

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

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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:	U: yes	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: .		

TS 25.412	UTRAN Iu interface signalling transport						
Rel-5	current version: 5.1.0	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 25/03/2002			get it	remarks - general:		
	RP-17 30/09/2002			get it	remarks - this release: .		

TS 25.413	UTRAN Iu interface RANAP signalling						
Rel-5	current version: 5.4.0	WG (prime / other):	R3 / -	rapporteur:	JUSSILA, Jyrki	NOKIA Corporation	
	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 05/07/2002			get it	remarks - this release: .		
	RP-17 11/10/2002			get it			
	RP-18 03/01/2003			get it			
	RP-19						

TS 25.414	UTRAN Iu interface data transport & transport signalling						
Rel-5	current version: 5.4.0	WG (prime / other):	R3 / -	rapporteur:	COMSTOCK, David	Telefon AB LM Ericsson	
	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 28/06/2002			get it	remarks - this release: .		
	RP-17 30/09/2002			get it			
	RP-18 03/01/2003			get it			
	RP-19						

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TS 25.415	UTRAN Iu interface user plane protocols					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> MAUPIN, Alain	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 30/09/2002 5 . 2 . 0	get it				
	RP-18 03/01/2003 5 . 3 . 0	get it				
TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-16 28/06/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	RP-17 03/10/2002 5 . 2 . 0	get it				
	RP-19 5 . 3 . 0					
TS 25.420	UTRAN Iur Interface: General Aspects and Principles					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
TS 25.421	UTRAN Iur interface Layer 1					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	TP-15 25/03/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 25.422	UTRAN Iur interface signalling transport					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited		
	<i>freeze_meeting:</i> RP-15	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	<i>U: yes</i>				
	RP-15 02/04/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	RP-17 03/10/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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TS 25.423	UTRAN Iur interface RNSAP signalling						
Rel-5	current version: 5.5.0	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	5 . 0 . 0		get it	remarks - general:		
	RP-16 19/07/2002	5 . 1 . 0		get it	remarks - this release: .		
PCG post	RP-16 06/08/2002	5 . 2 . 0		get it			CRs needs PCG approval. One CR endorsed by PCG
	RP-17 11/10/2002	5 . 3 . 0		get it			
	RP-18 03/01/2003	5 . 4 . 0		get it			
	RP-19	5 . 5 . 0					
<hr/>							
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: .		
<hr/>							
TS 25.425	UTRAN Iur interface user plane protocols for CCH data streams						
Rel-5	current version: 5.4.0	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: .		
	RP-17 03/10/2002	5 . 2 . 0		get it			
	RP-18 03/01/2003	5 . 3 . 0		get it			
	RP-19	5 . 4 . 0					
<hr/>							
TS 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams						
Rel-5	current version: 5.2.0	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: .		
	RP-17 03/10/2002	5 . 2 . 0		get it			

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

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

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

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TS 25.433	UTRAN lub interface NBAP signalling						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ISHIKAWA, Nobutaka	NTT DoCoMo Inc	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 04/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 19/07/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 11/10/2002	5 . 2 . 0		get it			
	RP-18 03/01/2003	5 . 3 . 0		get it			
	RP-19	5 . 4 . 0					
<hr/>							
TS 25.434	UTRAN lub interface data transport & transport signalling for CCH data streams						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	ALDEN, Magnus	TeliaSonera AB	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
<hr/>							
TS 25.435	UTRAN lub interface user plane protocols for CCH data streams						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 02/04/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	RP-16 28/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .		
	RP-17 03/10/2002	5 . 2 . 0		get it			
	RP-18 03/01/2003	5 . 3 . 0		get it			
	RP-19	5 . 4 . 0					
<hr/>							
TS 25.442	UTRAN implementation-specific O&M transport						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	R3 / -	<i>rapporteur:</i>	RECKER, Stephan	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> RP-15	G:	U: yes	<i>MCC:</i>	KRAUSE, Joern		
	<i>history (event, available, version,</i>						
	RP-15 28/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>		
	edito post RP-15	5 . 0 . 1 (not supplied - use v5.0.0)			<i>remarks - this release:</i> .		
	RP-17 03/10/2002	5 . 1 . 0		get it			

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

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TS 25.450 UTRAN lupc interface general aspects and principles

Rel-5 *current version:* 5.1.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-12 2 . 0 . 0 RP-010400 *remarks - general:*
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
RP-14 11/01/2002 5 . 1 . 0 [get it](#)

TS 25.451 UTRAN lupc interface layer 1

Rel-5 *current version:* 5.0.1 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-12 2 . 0 . 0 RP-010401 *remarks - general:*
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
correction to 24/04/2002 5 . 0 . 1 [get it](#)
history table

TS 25.452 UTRAN lupc interface signalling transport

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-13 26/09/2001 2 . 0 . 0 RP-010640 [get it](#) *remarks - general:*
RP-13 12/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .

TS 25.453 UTRAN lupc interface Positioning Calculation Application Part (PCAP) signalling

Rel-5 *current version:* 5.5.0 *WG (prime / other):* R3 / *rapporteur:* LIN, le-Hong Qualcomm Inc
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* KRAUSE, Joern
history (event, available, version,
RP-12 2 . 0 . 0 RP-010402 *remarks - general:*
RP-12 05/07/2001 5 . 0 . 0 [get it](#) *remarks - this release:* .
RP-13 12/10/2001 5 . 1 . 0 [get it](#)
RP-14 11/01/2002 5 . 2 . 0 [get it](#)
RP-15 25/03/2002 5 . 3 . 0 [get it](#)
RP-16 28/06/2002 5 . 4 . 0 [get it](#)
RP-19 5 . 5 . 0

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TR 25.854 Uplink Synchronous Transmission Scheme (USTS)

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R1 / *rapporteur:* KIM, Duk Kyung SK TELECOM
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
history (event, available, version,
RP-13 01/10/2001 1 . 0 . 0 RP-010647 [get it](#) *remarks - general:*
RP-11 05/04/2001 1 . 0 . 0 RP-010428 at RP-12 [get it](#) *remarks - this release:*
RP-14 02/01/2002 2 . 0 . 0 RP-010826 [get it](#)
RP-14 11/01/2002 5 . 0 . 0 [get it](#)

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

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
remarks - general:
remarks - this release: .

TR 25.857 UE positioning enhancements

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* BECKMANN, Mark SIEMENS AG
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
remarks - general:
remarks - this release: .

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R1 / - *rapporteur:* GHOSH, Amitabha Motorola Inc.
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* SASAKI, Tsukasa
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](#)

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TR 25.859	User Equipment (UE) positioning enhancements for 1,28 Mcps TDD	Rel-5	current version: 5.0.0 freeze_meeting: RP-15	WG (prime / other): R2 /	rapporteur: N, A		Indicate persons who left Company and wait for new One
	history (event, available, version,			G: U: yes	MCC: ARZELIER, Claude		
	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	get it	RP-010560		
	RP-15 19/03/2002		2 . 0 . 0	get it	RP-020089		
	RP-15 19/03/2002		2 . 0 . 1	get it	RP-020214		
	RP-15 19/03/2002		5 . 0 . 0	get it			
TR 25.860	Radio acces bearer support enhancements	Rel-5	current version: 5.0.0 freeze_meeting: RP-15	WG (prime / other): R2 / -	rapporteur: MIKOLA, Juha		NOKIA Corporation
	history (event, available, version,			G: U: yes	MCC: ARZELIER, Claude		
	RP-15 19/03/2002		1 . 0 . 0	get it	RP-020087	remarks - general:	
	RP-16 25/06/2002		2 . 0 . 0	get it	RP-020344	remarks - this release: .	
	RP-16 17/06/2002		5 . 0 . 0	get it			
TR 25.867	Feasibility study for wideband distribution systems in 3rd generation networks	Rel-5	current version: 1.0.0 freeze_meeting: RP-15	WG (prime / other): R4 /	rapporteur: MATARASSO, Carlo		TEKMAR Sistemi Srl
	history (event, available, version,			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar		
	RP-14 02/01/2002		1 . 0 . 0	get it	RP-010794	remarks - general:	
						remarks - this release: .	
TR 25.868	Node B synchronization for 1,28 Mcps TDD	Rel-5	current version: 5.0.1 freeze_meeting: RP-15	WG (prime / other): R1 / -	rapporteur: HU, Jinling		CATT
	history (event, available, version,			G: U: yes	MCC: SASAKI, Tsukasa		
	RP-13 01/10/2001		1 . 0 . 0	get it	RP-010668	remarks - general:	
	RP-14 02/01/2002		1 . 1 . 0	get it	RP-010898	remarks - this release: .	
	RP-15 19/03/2002		1 . 1 . 1	get it	RP-020202		
	RP-15 29/03/2002		5 . 0 . 0	get it			
	post RP-15 15/04/2002		5 . 0 . 1	get it			
	editorial						

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

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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 Eva Telefon AB LM Ericsson
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](#)

TR 25.879 Separation of resource reservation and radio link activation

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

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](#)

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

TR 25.881	Improvement of Radio Resource Management (RRM) across RNS and RNS/BSS								
Rel-5	current version: 5.0.0			WG (prime / other): R3 /	rapporteur: HWANG, Woonhee	NOKIA Corporation			
	freeze_meeting: RP-15			G: U: yes	MCC: KRAUSE, Joern				
	history (event, available, version,								
	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			

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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	
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	
TR 25.884	Iur Neighbouring cell reporting efficiency optimisation								
Rel-5	current version: 5.0.0		WG (prime / other): R3 /		rapporteur: VOLTOLINA, Elena Eva	Telefon AB LM Ericsson			
	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	
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: SP-15		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						get it	remarks - this release: .

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TR 25.942	RF system scenarios								
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 03/07/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	Additional rapporteur = A.De Pasquale.
							get it	<i>remarks - this release:</i>	.
TR 25.943	Deployment aspects								
Rel-5	<i>current version:</i> 5.1.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
	edito 03/05/2002	5	.	0	.	1			
	RP-16 03/07/2002	5	.	1	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	.
							get it		
TR 25.945	RF requirements for low chip rate TDD option								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	.
TR 25.952	Base Station classification (TDD)								
Rel-5	<i>current version:</i> 5.2.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-12	2	.	0	.	0			RP-010457
	RP-12 29/06/2001	5	.	0	.	0			
	RP-16 03/07/2002	5	.	1	.	0			
	RP-19	5	.	2	.	0			
							get it	<i>remarks - general:</i>	
							get it	<i>remarks - this release:</i>	promoted from Rel-4 at RP-12.
TR 25.956	UTRA repeater: Planning guidelines and system analysis								
Rel-5	<i>current version:</i> 5.0.0								
	<i>freeze_meeting:</i> RP-15								
	<i>history (event, available, version,</i>								
	RP-15 02/04/2002	5	.	0	.	0			
							get it	<i>remarks - general:</i>	.
								<i>remarks - this release:</i>	.

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TR 25.991	Feasibility study on the mitigation of the effect of common pilot channel (CPICH) interference at the user equipment								
Rel-5	<i>current version:</i> 5.1.0			<i>WG (prime / other):</i> R4 /	<i>rapporteur:</i> MOSHAVI, Shimon	Intel Corporation			
	<i>freeze_meeting:</i> RP-15			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
<i>history (event, available, version,</i>									
	RP-14 02/01/2002	1 . 0 . 0	RP-010892		get it	<i>remarks - general:</i>			
	RP-15 19/03/2002	2 . 0 . 0	RP-020121		get it	<i>remarks - this release:</i> .			
	RP-15 02/04/2002	5 . 0 . 0			get it				
	RP-18 10/01/2003	5 . 1 . 0			get it				

TR 25.993	Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> R2 /	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> ARZELIER, Claude				
<i>history (event, available, version,</i>									
	RP-18 13/01/2003	5 . 0 . 0			get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> Pointer to latest release version.			

TR 25.994	Measures employed by the UMTS Radio Access Network (UTRAN) to overcome early User Equipment (UE) implementation faults								
Rel-5	<i>current version:</i> 0.0.0	DRAFT		<i>WG (prime / other):</i> RP /	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
<i>history (event, available, version,</i>									
	RP-18 06/01/2003	0 . 0 . 0	RP-020880		get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			

TR 25.995	Measures employed by the UMTS Radio Access Network (RAN) to cater for legacy User Equipment (UE) which conforms to superseded versions of the RAN interface specification								
Rel-5	<i>current version:</i> 0.0.1	DRAFT		<i>WG (prime / other):</i> RP /	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-15			G: U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar				
<i>history (event, available, version,</i>									
	draft	0 . 0 . 1				<i>remarks - general:</i>			
						<i>remarks - this release:</i> .			

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TS 26.071	AMR speech Codec; General description					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0		get it <i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.073	AMR speech Codec; C-source code					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0		get it <i>remarks - general:</i>			
	SP-19 5 . 1 . 0		<i>remarks - this release:</i> .			
<hr/>						
TS 26.074	AMR speech Codec; Test sequences					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0		get it <i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0		get it <i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0		get it <i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i> .			

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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> 5.2.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-17 24/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	SP-18 03/01/2003	5 . 2 . 0		get it					
<hr/>									
TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino					
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari		NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> USAI, Paolino					
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				

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

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

TS 26.102	AMR speech Codec; Interface to lu and Uu					
Rel-5	current version: 5.2.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002			get it	remarks - general:	
	SP-18 03/01/2003			get it	remarks - this release:	
	SP-19					
TS 26.103	Speech codec list for GSM and UMTS					
Rel-5	current version: 5.4.0	WG (prime / other):	S4 / -	rapporteur:	HELLWIG, Karl	Telefon AB LM Ericsson
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-11 10/04/2001			get it	remarks - general: New after TSG#5	
	SP-15 28/03/2002			get it	remarks - this release:	
	SP-16 28/06/2002			get it		
	SP-17 24/09/2002			get it		
	SP-18 03/01/2003			get it		
TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
Rel-5	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002			get it	remarks - general:	
	SP-19				remarks - this release:	
TS 26.110	Codec for circuit switched multimedia telephony service; General description					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002			get it	remarks - general:	
					remarks - this release:	
TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324					
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	ARONSON, Barry	TOSHIBA CO
	freeze_meeting: SP-16	G: yes	U: yes	MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-16 28/06/2002			get it	remarks - general: CR at TSG#5	
					remarks - this release:	

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Server ACTIVE specs Rel-5 26 .- series
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TS 26.115	Echo control for speech and multi-media services								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-16			<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> .
<hr/>									
TS 26.131	Terminal acoustic characteristics for telephony; Requirements								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-15			<i>G:</i> 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-17 24/09/2002	5	.	2	.	0		get it	
<hr/>									
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification								
Rel-5	<i>current version:</i> 5.3.0			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-15			<i>G:</i> 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	
	SP-17 24/09/2002	5	.	3	.	0		get it	
<hr/>									
TS 26.140	Multimedia Messaging Service (MMS); Media formats and codes								
Rel-5	<i>current version:</i> 5.2.0			<i>WG (prime / other):</i> S4 / T2	<i>rapporteur:</i> CASTAGNO, Roberto		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-15			<i>G:</i> 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	
	SP-18 03/01/2003	5	.	2	.	0		get it	

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

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

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:* 5.6.0 *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](#)
SP-18 03/01/2003 5 . 5 . 0 [get it](#)
SP-19 5 . 6 . 0

TS 26.174 AMR speech codec, wideband; Test sequences

Rel-5 *current version:* 5.4.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
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](#)
SP-18 03/01/2003 5 . 4 . 0 [get it](#)

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

Rel-5 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT,
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
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:*

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

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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 *current version:* 5.1.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
SP-15 28/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:*

TS 26.192 Mandatory Speech Codec speech processing functions AMR Wideband Speech Codec; Comfort noise aspects
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT, VACANT, USAI, Paolino
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:*
remarks - this release:

TS 26.193 AMR speech codec, wideband; Source Controlled Rate operation
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-11 10/04/2001 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 26.194 Mandatory Speech Codec speech processing functions AMR Wideband speech codec; Voice Activity Detector (VAD)
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VACANT, VACANT, USAI, Paolino
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:*
remarks - this release:

TS 26.201 AMR speech codec, wideband; Frame structure
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* HAGQVIST, Jari NOKIA Corporation
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:*
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 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.202	AMR speech codec, wideband; Interface to lu and Uu						
Rel-5	current version: 5.1.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)	
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	USAI, Paolino		
history (event, available, version,	draft	1 . 0 . 0		remarks - general:			
	SP-11 02/08/2001	2 . 0 . 0	SP-010091	remarks - this release:			
	SP-11 10/04/2001	5 . 0 . 0		get it			
	SP-17 24/09/2002	5 . 1 . 0		get it			

TS 26.204	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) wideband speech codec						
Rel-5	current version: 5.1.0	WG (prime / other):	S4 /	rapporteur:	N, A	Indicate persons who left Company and wait for new	
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	USAI, Paolino	One	
history (event, available, version,	SP-14 02/01/2002	1 . 0 . 0	SP-010693	remarks - general:			
	SP-15 19/03/2002	2 . 0 . 0	SP-020073	remarks - this release:			
	SP-15 28/03/2002	5 . 0 . 0		get it			
	SP-19	5 . 1 . 0		get it			

TS 26.226	Global text telephony (GTT); Transport of text in the voice channel						
Rel-5	current version: 5.0.0	WG (prime / other):	S4 / -	rapporteur:	HELLSTROM, Gunnar	Omnitor AB	
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	USAI, Paolino		
history (event, available, version,	SP-11 10/04/2001	5 . 0 . 0		remarks - general:	SP-16: in "GERAN" set.		
				remarks - this release:	TSG#10:2.0.0=SP-000569(Rel-5)->Rel-4		

TS 26.230	Global text telephony (GTT); Cellular text telephone modem transmitter C-code description						
Rel-5	current version: 5.0.1	WG (prime / other):	S4 / -	rapporteur:	HELLSTROM, Gunnar	Omnitor AB	
	freeze_meeting: SP-15	G: yes	U: yes	MCC:	USAI, Paolino		
history (event, available, version,	SP-11 10/04/2001	5 . 0 . 0		remarks - general:	SP-16: in "GERAN" set.		
correct c-code	29/05/2001	5 . 0 . 1		remarks - this release:	TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4		

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

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

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	Omnicor AB			
	<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	get it	<i>remarks - general:</i> SP-16: in "GERAN" set.			
	SP-11 10/04/2001	5 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-13 02/10/2001	5 . 1 . 0	get it				
	SP-15 28/03/2002	5 . 2 . 0	get it				

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> .			

TS 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs						
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.			
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> USAI, Paolino				
<i>history (event, available, version,</i>							
	SP-15 28/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-16 28/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	SP-17 24/09/2002	5 . 2 . 0	get it				
	SP-18 03/01/2003	5 . 3 . 0	get it				
	SP-19	5 . 4 . 0					

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.			

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Server ACTIVE specs Rel-5 26 .- series
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TS 26.236	Packet switched conversational multimedia applications; Transport protocols						
Rel-5	<i>current version:</i> 5.2.0		<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			get it	<i>remarks - general:</i>	
	SP-15 19/03/2002	2 . 0 . 0			get it	<i>remarks - this release:</i> .	
	SP-15 28/03/2002	5 . 0 . 0			get it		
	SP-18 03/01/2003	5 . 1 . 0			get it		
	SP-19	5 . 2 . 0					
<hr/>							
TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide						
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri		Nokia Research Center	
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>							
	SP-16 28/06/2002	5 . 0 . 0			get it	<i>remarks - general:</i>	
	SP-19	5 . 1 . 0				<i>remarks - this release:</i> .	
<hr/>							
TR 26.937	Transparent end-to-end packet switched streaming service (PSS); RTP usage model						
Rel-5	<i>current version:</i> 1.4.0	DRAFT	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> VARSA, Viktor		Nokia Telecommunications Inc.	
	<i>freeze_meeting:</i> SP-15		G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>							
	S4-19 16/01/2002	0 . 1 . 0			get it	<i>remarks - general:</i>	
	SP-18 03/01/2003	1 . 2 . 0			get it	<i>remarks - this release:</i> 2003-01-14: WG Secretary reports that this TS should be approved at SP-19. SP-19: still under revision, anticipated for approval at SP-20.	
	draft	1 . 4 . 0					
<hr/>							
TR 26.975	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec						
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-16		G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>							
	SP-16 28/06/2002	5 . 0 . 0			get it	<i>remarks - general:</i> Replaces 26.075. 2001-10-02: Also for GSM.	
						<i>remarks - this release:</i> .	

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

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Server ACTIVE specs Rel-5 26 .- series
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TR 26.976 Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec

Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* VAINIO, Janne NOKIA Corporation
freeze_meeting: NP-16 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
draft 0 . 0 . 1 *remarks - general:* Cf 26.975.
SP-12 27/06/2001 0 . 3 . 0 SP-010302 [get it](#) *remarks - this release:* .
SP-14 02/01/2002 0 . 6 . 0 SP-010692 [get it](#)
SP-17 24/09/2002 1 . 0 . 0 SP-020432 [get it](#)
SP-18 16/01/2003 2 . 0 . 0 SP-020682 [get it](#)
SP-18 03/01/2003 5 . 0 . 0 [get it](#)

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: NP-15 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-14 11/01/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-15 20/03/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-16 24/06/2002 5 . 2 . 0 [get it](#)
NP-17 17/09/2002 5 . 3 . 0 [get it](#)
NP-18 09/01/2003 5 . 4 . 0 [get it](#)
NP-19 5 . 5 . 0

TS 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

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

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

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

TS 27.003	Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	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> 5.3.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> CHRISTENSEN, Soren	Ericsson AS					
	<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	get it	<i>remarks - general:</i>					
	TP-15 04/04/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>					
	TP-18 20/12/2002	5 . 2 . 0	get it						
	TP-19	5 . 3 . 0							
<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>					
<hr/>									
TS 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd					
	<i>freeze_meeting:</i> NP-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> GPRS					
	NP-16 24/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>					
	NP-17 17/09/2002	5 . 2 . 0	get it						
	NP-18 09/01/2003	5 . 3 . 0	get it						

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

TS 27.103 Wide Area Network Synchronization

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

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

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

TR 27.901 Report on Terminal Interfaces - An Overview

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

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

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

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

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

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

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

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

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

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

TS 29.002	Mobile Application Part (MAP) specification						
Rel-5	current version: 5.5.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-14 18/01/2002	5 . 0 . 0		get it	remarks - general:		
	NP-15 04/04/2002	5 . 1 . 0		get it	remarks - this release: .		
	NP-16 21/06/2002	5 . 2 . 0		get it			
	NP-17 24/09/2002	5 . 3 . 0		get it			
	NP-18 09/01/2003	5 . 4 . 0		get it			
	NP-19	5 . 5 . 0					
<hr/>							
TS 29.007	General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone						
Rel-5	current version: 5.5.0	WG (prime / other):	N3 / -	rapporteur:	KLEHN, Norbert	SIEMENS AG	
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	BOSWARTHICK, David		
	history (event, available, version,						
	NP-14 11/01/2002	5 . 0 . 0		get it	remarks - general:		
	NP-15 20/03/2002	5 . 1 . 0		get it	remarks - this release: .		
	NP-16 28/06/2002	5 . 2 . 0		get it			
	NP-17 17/09/2002	5 . 3 . 0		get it			
	NP-18 09/01/2003	5 . 4 . 0		get it			
	NP-19	5 . 5 . 0					
<hr/>							
TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling						
Rel-5	current version: Procedures and the Mobile Application Part (MAP)	5.2.0WG (prime / other):	N4	/-	rapporteur:	KYMALAINEN, Kimmo	
TeliaSonera AB							
	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??)		
	NP-17 18/09/2002	5 . 1 . 0		get it	remarks - this release: .		
	NP-18 07/01/2003	5 . 2 . 0		get it			
<hr/>							
TS 29.011	Signalling Interworking for Supplementary Services						
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: NP-15	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-16 25/06/2002	5 . 0 . 0		get it	remarks - general:		
					remarks - this release: .		

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TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>	NP-16 25/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4	
				<i>remarks - this release:</i> .	
<hr/>					
TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification				
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
<i>history (event, available, version,</i>	NP-16 26/06/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i> .	
<hr/>					
TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> MILLS, Duncan	VODAFONE Group Plc	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> JORGENSEN, Per Johan		
<i>history (event, available, version,</i>	NP-14 04/01/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
	NP-15 19/03/2002 5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	NP-16 26/06/2002 5 . 2 . 0		get it		
	NP-18 18/12/2002 5 . 3 . 0		get it		
<hr/>					
TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-15	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>	NP-14 11/01/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
NP-14 editorial	18/01/2002 5 . 0 . 1		get it	<i>remarks - this release:</i> .	
	NP-15 28/03/2002 5 . 1 . 0		get it		
	NP-16 21/06/2002 5 . 2 . 0		get it		
	NP-17 18/09/2002 5 . 3 . 0		get it		
	NP-18 07/01/2003 5 . 4 . 0		get it		
	NP-19 5 . 5 . 0				

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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> 5.5.0	WG (<i>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		
	NP-17 17/09/2002	5	. 3	. 0	get it		
	NP-18 09/01/2003	5	. 4	. 0	get it		
	NP-19	5	. 5	. 0			
TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification						
Rel-5	<i>current version:</i> 5.3.0	WG (<i>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
	NP-17 17/09/2002	5	. 1	. 0	get it	<i>remarks - this release:</i>	Phase 4
	NP-18 18/12/2002	5	. 2	. 0	get it		
	NP-19	5	. 3	. 0			
TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface						
Rel-5	<i>current version:</i> 5.3.0	WG (<i>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>	.
	RP-18 03/01/2003	5	. 2	. 0	get it		
	RP-19	5	. 3	. 0			
TS 29.119	GPRS Tunneling Protocol (GTP) specification for Gateway Location Register (GLR)						
Rel-5	<i>current version:</i> 5.0.0	WG (<i>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>	.

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-16 25/06/2002 5 . 0 . 0 [get it](#) *remarks - general:* New after TSG#5
remarks - this release: .

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

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

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
add missing 09/10/2002 5 . 1 . 1 [get it](#)
attachments post
NP-17
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* BENNETT, Andy Lucent Technologies Network Systems UK
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 05/07/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:*
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.2.0 *WG (prime / other):* N5 / *rapporteur:* TWEEEDIE, 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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.3.0 *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:* .
NP-17 01/10/2002 5 . 2 . 0 [get it](#)
NP-19 5 . 3 . 0

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

Rel-5 *current version:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

Rel-5 *current version:* 5.2.0 *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:*
NP-17 01/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
NP-19 5 . 2 . 0

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

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

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

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

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

TS 29.202	Signalling System No. 7 (SS7) signalling transport in core network; Stage 3								
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> ANGELO, Ciriaco		Telefon AB LM Ericsson			
	<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>				
	NP-17 18/09/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	NP-18 07/01/2003	5 . 2 . 0		get it					
<hr/>									
TS 29.205	Application of Q.1900 series to bearer-independent circuit-switched core network architecture; Stage 3								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> HEIDERMARK, Alf		Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> NP-15		G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
<i>history (event, available, version,</i>									
	NP-16 25/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
<hr/>									
TS 29.207	Policy control over Go interface								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> YOKOTA, Daisuke		Lucent Technologies Japan Ltd.			
	<i>freeze_meeting:</i> NP-16		G: yes U: yes	<i>MCC:</i> BOSWARTHICK, David					
<i>history (event, available, version,</i>									
	draft 08/11/2001	0 . 2 . 0		get it	<i>remarks - general:</i>	NP-15: title changed from "End to end Quality of Service (QoS); Stage 3".			
	draft 14/01/2002	0 . 5 . 0		get it	<i>remarks - this release:</i> .				
	draft 18/02/2002	0 . 6 . 0		get it					
	NP-15 19/03/2002	1 . 0 . 0	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					
	NP-17 19/09/2002	5 . 1 . 0		get it					
	NP-18 14/01/2003	5 . 2 . 0		get it					
	NP-19	5 . 3 . 0		get it					

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

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

Rel-5 *current version:* 5.3.0
freeze_meeting: NP-16
history (event, available, version,

draft	08/11/2001	0	.	1	.	0	
draft	14/01/2002	0	.	2	.	0	
draft	18/02/2002	0	.	3	.	1	
NP-15	19/03/2002	1	.	0	.	0	NP-020079
draft	18/04/2002	1	.	1	.	0	
NP-16	26/06/2002	2	.	0	.	0	NP-020166
NP-16	28/06/2002	5	.	0	.	0	
NP-17	18/09/2002	5	.	1	.	0	
NP-18	09/01/2003	5	.	2	.	0	
NP-19		5	.	3	.	0	

)

WG (*prime / other*): N3 /
G: yes U: yes

rapporteur: YOKOTA, Daisuke
MCC: BOSWARTHICK, David

Lucent Technologies Japan Ltd.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
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TS 29.228 IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents

Rel-5 *current version:* 5.3.0
freeze_meeting: NP-16
history (event, available, version,

NP-12	04/07/2001	0	.	1	.	0	NP-010303
N4-08		0	.	2	.	0	N4-010697
N4-09		0	.	3	.	0	N4-010837
N4-11		0	.	4	.	0	N4-011295
draft		0	.	5	.	0	N4-01407
NP-14	02/01/2002	1	.	0	.	0	NP-010627
draft	28/03/2002	1	.	1	.	0	
NP-16	25/06/2002	2	.	0	.	0	NP-020264
NP-16	25/06/2002	5	.	0	.	0	
NP-17	17/09/2002	5	.	1	.	0	
NP-18	07/01/2003	5	.	2	.	0	
NP-19		5	.	3	.	0	

)

WG (*prime / other*): N4 /
G: yes U: yes

rapporteur: PALLARES LÓPEZ, Miguel Angel
MCC: KYMALAINEN, Kimmo

Telefon AB LM Ericsson

[get it](#) *remarks - general:* Additional rapporteur: Miguel-Angel Pallares-Lopez
remarks - this release: .
[get it](#)
[get it](#)
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Server ACTIVE specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* N4 / - *rapporteur:* PALLARES LÓPEZ, Miguel Angel Telefon AB LM Ericsson
freeze_meeting: NP-16

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

history (event, available, version,

N4-09	0	.	1	.	0	N4-010932
N4-10	0	.	2	.	0	N4-011064
N4-11	0	.	3	.	0	N4-011296
N4-11	0	.	4	.	0	N4-011408
NP-14	02/01/2002	1	.	0	.	NP-010628
draft	28/03/2002	1	.	1	.	
NP-16	26/06/2002	2	.	0	.	NP-020265
NP-16	25/06/2002	5	.	0	.	
NP-17	18/09/2002	5	.	1	.	
NP-18	07/01/2003	5	.	2	.	
NP-19		5	.	3	.	

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

remarks - this release: .

[get it](#)

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[get it](#)

[get it](#)

TS 29.232 Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3

Rel-5 *current version:* 5.5.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: NP-15
Chalmers

G: *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
NP-17	18/09/2002	5	.	3	.	0
NP-18	07/01/2003	5	.	4	.	0
NP-19		5	.	5	.	0

remarks - general: Additional rapporteur: Laura.Pomponi@CSELT.IT

remarks - this release: .

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

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

TS 29.278	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS)				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> REMOQUILLO, Angelica	Lucent Technologies	
	<i>freeze_meeting:</i> NP-18	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
	<i>history (event, available, version,</i>				
	N2-25	0 . 1 . 0			<i>remarks - general:</i> NP-16 Existance hinted at in N2 report. Draft believed to have been seen at N2.
	NP-17 24/09/2002	2 . 0 . 0	NP-020349	get it	<i>remarks - this release:</i> TP-16: this spec unlikely to be freezable by NP-17. CAMEL phase 4.
	NP-17 17/09/2002	5 . 0 . 0		get it	
	NP-18 10/01/2003	5 . 1 . 0		get it	
	NP-19	5 . 2 . 0			
<hr/>					
TS 29.328	IP Multimedia Subsystem (IMS) Sh interface signalling flows and message contents				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-16 26/06/2002	2 . 0 . 0	NP-020277	get it	<i>remarks - general:</i>
	NP-16 25/06/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .
	NP-17 18/09/2002	5 . 1 . 0		get it	
	NP-18 07/01/2003	5 . 2 . 0		get it	
	edito to replace 08/01/2003	5 . 2 . 1		get it	
	lost annex E post				
	NP-18				
	NP-19	5 . 3 . 0			
<hr/>					
TS 29.329	Sh interface based on the Diameter protocol				
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BERRY, Nigel. H	Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> NP-16	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	NP-16 26/06/2002	2 . 0 . 1	NP-020266	get it	<i>remarks - general:</i>
	NP-16 25/06/2002	5 . 0 . 0		get it	<i>remarks - this release:</i> .
	NP-17 17/09/2002	5 . 1 . 0		get it	
	NP-18 07/01/2003	5 . 2 . 0		get it	
	NP-19	5 . 3 . 0			

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TS 29.414 Core network Nb data transport and transport signalling

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
NP-15 20/03/2002 5 . 0 . 0

WG (prime / other): N3 / - *rapporteur:* BELLING, Thomas SIEMENS AG
G: *U:* yes *MCC:* BOSWARTHICK, David

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

TS 29.415 Core network Nb interface user plane protocols

Rel-5 *current version:* 5.1.0
freeze_meeting: NP-15
history (event, available, version,
NP-15 20/03/2002 5 . 0 . 0
NP-19 5 . 1 . 0

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

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

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

Rel-5 *current version:* 5.0.0
freeze_meeting: NP-15
history (event, available, version,
0 . 0 . 1 2001-03
NP-12 04/07/2001 0 . 1 . 0 NP-010361
N4-08 0 . 1 . 1
N4-09 0 . 2 . 0
N4-10 0 . 3 . 0
N4-10 0 . 3 . 1
NP-14 02/01/2002 2 . 0 . 0 NP-010633
NP-14 10/01/2002 5 . 0 . 0

WG (prime / other): N4 / *rapporteur:* YOUNG, Michael MOTOROLA Ltd
G: *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general: Supersedes 29.203.
remarks - this release: NP-11:creation Supersedes 29.203

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

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

Rel-5 *current version:* 5.0.1
freeze_meeting: SP-15
history (event, available, version,
NP-16 26/06/2002 5 . 0 . 0
edito post NP-18 16/12/2002 5 . 0 . 1 minor editorials to change style from
TS to TR.

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

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

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

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

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

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

Rel-5 *current version:* Mapping; Subpart 4: Multiparty Call Control SIP 5.0.0 *WG (prime / other):* N5 /- *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 19/02/2002 0 . 2 . 1 N5-020084 [get it](#) *remarks - general:* Evidence for existence unearthed in N5-020143.
draft 22/04/2002 1 . 0 . 0 [get it](#) *remarks - this release:* .Was originally Rel-6, but moved to Rel 5 NP-15.
NP-16 31/05/2002 2 . 0 . 0 NP-020198 (RFC nos. to be [get it](#)
NP-16 20/06/2002 5 . 0 . 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-5 *current version:* 5.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-16 20/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

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

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

TR 30.902 Guidelines for the modification of the Mobile Application Part (MAP)
Rel-5 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 5 . 0 . 1 Technically identical to 30.002 v5.0.0. *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
remarks - this release: . 3.0x series.

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

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

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Server ACTIVE specs Rel-5 31 .- series
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TS 31.048	Test specification for security mechanisms for the (U)SIM application toolkit								
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	VIALLET, Sophie	GEMPLUS Card International			
	<i>freeze_meeting:</i> TP-21	<i>G: yes U: yes</i>		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	Test spec for 23.048.				
				<i>remarks - this release:</i>					
<hr/>									
TS 31.101	UICC-terminal interface; Physical and logical characteristics								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i>	T3 / SCP	<i>rapporteur:</i>	VESTERGAARD, Peter	NOKIA UK Ltd			
	<i>freeze_meeting:</i> TP-17	<i>G: U: yes</i>		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>remarks - general:</i>	Contents is a reference to ETSI TR 102 221.				
	TP-17 18/09/2002 5 . 0 . 0			<i>remarks - this release:</i>	TP-17: upgraded to Rel-5 to fill gap between Releases 4 and 6.				
	TP-18 02/01/2003 5 . 1 . 0								
<hr/>									
TS 31.102	Characteristics of the USIM Application								
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	HEIM, Christian	GIESECKE & DEVRIENT GmbH			
	<i>freeze_meeting:</i> TP-15	<i>G: U: yes</i>		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>remarks - general:</i>					
	TP-15 28/03/2002 5 . 0 . 0			<i>remarks - this release:</i>					
	TP-16 28/06/2002 5 . 1 . 0								
	TP-17 25/09/2002 5 . 2 . 0								
	TP-18 02/01/2003 5 . 3 . 0								
	TP-19 5 . 4 . 0								
<hr/>									
TS 31.103	Characteristics of the ISIM application								
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i>	T3 /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> TP-16	<i>G: yes U: yes</i>		<i>MCC:</i>	DIETZE, Claus				
	<i>history (event, available, version,</i>			<i>remarks - general:</i>					
	TP-16 26/06/2002 1 . 0 . 0 TP-020124			<i>remarks - this release:</i>					
	TP-16 28/06/2002 5 . 0 . 0								
	TP-17 25/09/2002 5 . 1 . 0								
	TP-18 02/01/2003 5 . 2 . 0								
	TP-19 5 . 3 . 0								

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TS 31.111	USIM Application Toolkit (USAT)				
Rel-5	<i>current version:</i> 5.4.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> TP-15		<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>	.
	TP-17 18/09/2002	5 . 2 . 0	get it		
	TP-18 02/01/2003	5 . 3 . 0	get it		
	TP-19	5 . 4 . 0			

TS 31.112	USAT Interpreter Architecture Description; Stage 2				
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> TP-15		<i>G:</i>	<i>U:</i> 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		

TS 31.113	USAT interpreter byte codes				
Rel-5	<i>current version:</i> 5.5.0		<i>WG (prime / other):</i> T3 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> TP-15		<i>G:</i>	<i>U:</i> 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-15 28/03/2002	5 . 2 . 0	get it		
	TP-16 19/06/2002	5 . 3 . 0	get it		
	TP-17 25/09/2002	5 . 4 . 0	get it		
	TP-19	5 . 5 . 0			

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

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TS 31.114 USAT interpreter protocol and administration

Rel-5 *current version:* 5.3.0
freeze_meeting: TP-15
history (event, available, version,

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

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

TR 31.900 SIM/USIM internal and external interworking aspects

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

TP-15	28/03/2002	5	.	0	.	0		get it	<i>remarks - general:</i>
TP-16	19/06/2002	5	.	1	.	0		get it	<i>remarks - this release:</i> .
TP-19		5	.	2	.	0			

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

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

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-5 *current version:* 5.3.0
freeze_meeting: SP-15
history (event, available, version,

SP-15	26/03/2002	5	.	0	.	0		get it	<i>remarks - general:</i>
SP-17	18/09/2002	5	.	1	.	0		get it	<i>remarks - this release:</i> .
SP-18	06/01/2003	5	.	2	.	0		get it	
SP-19		5	.	3	.	0			

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

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

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

TS 32.102 Telecommunication management; Architecture

Rel-5 *current version:* 5.3.0 *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:*
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 06/01/2003 5 . 2 . 0 [get it](#)
SP-19 5 . 3 . 0

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

Rel-5 *current version:* 5.1.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 18/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
edito (layout and 07/01/2003 5 . 1 . 1 [get it](#)
references)

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
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-17 20/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 09/01/2003 5 . 2 . 0 [get it](#)
SP-19 5 . 3 . 0

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-17 08/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
SP-18 09/01/2003 5 . 2 . 0 [get it](#)
SP-19 5 . 3 . 0

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

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TS 32.111-4	Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set					
Rel-5	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i> TSG#8: split into 4 parts		
SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
SP-17	20/09/2002	5 . 2 . 0	get it			
SP-18	09/01/2003	5 . 3 . 0	get it			
SP-19		5 . 4 . 0				

TS 32.200	Telecommunication management; Charging management; Charging principles					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> AHLBÄCK, Hans	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-15	26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
SP-18	06/01/2003	5 . 2 . 0	get it			
SP-19		5 . 3 . 0				

TS 32.205	Telecommunication management; Charging management; Charging data description for the Circuit Switched (CS) domain					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BENDER, James	Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
SP-18	09/01/2003	5 . 2 . 0	get it			
SP-19		5 . 3 . 0				

TS 32.215	Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain					
Rel-5	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> LEHNERT, Matthias	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-15	27/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>		
SP-16	20/06/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> .		
SP-18	09/01/2003	5 . 2 . 0	get it			
SP-19		5 . 3 . 0				

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

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TS 32.225	Telecommunication management; Charging management; Charging data description for the IP Multimedia Subsystem (IMS)				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> SHARON, Ariel	Lucent Technologies Networks System GmbH	
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-15 19/03/2002 1 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-16 17/06/2002 1 . 5 . 0		get it	<i>remarks - this release:</i> .	
	draft 19/07/2002 1 . 7 . 0		get it		
	SP-17 16/09/2002 2 . 0 . 0		get it		
	SP-17 18/09/2002 5 . 0 . 0		get it		"Support of Diameter is mandatory."
	SP-18 06/01/2003 5 . 1 . 0		get it		
	SP-19 5 . 2 . 0				
<hr/>					
TS 32.235	Telecommunication management; Charging management; Charging data description for application services				
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> GOERMER, Gerald	SIEMENS AG	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-17 18/09/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	
	SP-18 07/01/2003 5 . 1 . 0		get it	<i>remarks - this release:</i> .	
	SP-19 5 . 2 . 0				
<hr/>					
TS 32.300	Telecommunication management; Configuration Management (CM); Name convention for Managed Objects				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-17 18/09/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	Replaces 32.106-8 (pars)
	edito post SP-18 13/01/2003 5 . 0 . 1		get it	<i>remarks - this release:</i> .	
<hr/>					
TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements				
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg	Motorola Inc.	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-15 26/03/2002 5 . 0 . 0		get it	<i>remarks - general:</i>	was 32.301-1
	edito post SP-18 13/01/2003 5 . 0 . 1		get it	<i>remarks - this release:</i> .	

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

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TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service								
Rel-5	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin					Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-14 11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-2				
	edito 26/03/2002	5 . 0 . 1	get it	<i>remarks - this release:</i>	.				
	edito post SP-18 13/01/2003	5 . 0 . 2	get it						
<hr/>									
TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set								
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin					Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-3				
	SP-17 18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.				
	edito post SP-17 01/10/2002	5 . 1 . 1	get it						
	edito post SP-18 13/01/2003	5 . 1 . 2	get it						
	SP-19	5 . 2 . 0							
<hr/>									
TS 32.304	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CMIP Solution Set								
Rel-5	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf					SIEMENS AG	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
	<i>history (event, available, version,</i>								
	SP-14 11/01/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.301-4				
	SP-15 26/03/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>	.				
	SP-16 20/06/2002	5 . 2 . 0	get it						
	edito post SP-18 13/01/2003	5 . 2 . 1	get it						
<hr/>									
TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin					Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<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				
	edito post SP-18 13/01/2003	5 . 0 . 1	get it	<i>remarks - this release:</i>	.				

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

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Server ACTIVE specs Rel-5 32 .- series
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TS 32.312 Telecommunication management; Generic Integration Reference Point (IRP) management; Information service
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-15 26/03/2002 5 . 0 . 0 [get it](#) *remarks - general:* was 32.112-2
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#) *remarks - this release:* .

TS 32.321 Telecommunication management; Test management Integration Reference Point (IRP); Requirements
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 06/09/2002 2 . 0 . 0 SP-020456 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#)

TS 32.322 Telecommunication management; Test management Integration Reference Point (IRP); Information service
Rel-5 *current version:* 5.0.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-17 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-16 17/06/2002 1 . 0 . 0 SP-020328 [get it](#) *remarks - general:*
SP-17 16/09/2002 2 . 0 . 0 SP-020457 [get it](#) *remarks - this release:* .
SP-17 18/09/2002 5 . 0 . 0 [get it](#)
edito post SP-18 13/01/2003 5 . 0 . 1 [get it](#)

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

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 32.324	Telecommunication management; Test management Integration Reference Point (IRP); CMIP solution set						
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						
	SP-16 17/06/2002	1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-17 16/09/2002	2 . 0 . 0	get it	<i>remarks - this release:</i>		SP-020459	
	SP-17 18/09/2002	5 . 0 . 0	get it				
	edito post SP-18 13/01/2003	5 . 0 . 1	get it				

TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements						
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						
	SP-15 26/03/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.104 (pars)		
	SP-17 18/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>			

TS 32.403	Telecommunication management; Performance Management (PM); Performance measurements - UMTS and combined UMTS/GSM						
Rel-5	<i>current version:</i> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-15	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						
	SP-16 20/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.104 (pars)	WARNING: approved CRs 004, 005 & 006 accidentally not implemented!! (But these CRs later withdrawn.)	
	SP-17 19/09/2002	5 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-19	5 . 2 . 0					

TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John				
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>						
	SP-17 20/09/2002	5 . 0 . 0	get it	<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	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>										
	SP-17 23/09/2002	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-1				
						<i>remarks - this release:</i> .				
<hr/>										
TS 32.602	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP) information service									
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John						
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>										
	SP-17 27/09/2002	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-2				
	SP-19	5 . 1 . 0				<i>remarks - this release:</i> .				
<hr/>										
TS 32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set									
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di		SIEMENS AG				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>										
	SP-17 27/09/2002	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-3				
	SP-19	5 . 1 . 0				<i>remarks - this release:</i> .				
<hr/>										
TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set									
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas		Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-17		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>										
	SP-18 08/01/2003	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.601-4				
						<i>remarks - this release:</i> .				
<hr/>										
TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements									
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>										
	SP-16 21/06/2002	5 . 0 . 0			get it	<i>remarks - general:</i> was 32.602-1				
	SP-17 27/09/2002	5 . 1 . 0			get it	<i>remarks - this release:</i> .				

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

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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> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-2				
	SP-18 07/01/2003	5 . 1 . 0	get it	<i>remarks - this release:</i>	.				
<hr/>									
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution								
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-3				
	SP-19	5 . 1 . 0		<i>remarks - this release:</i>	.				
<hr/>									
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-18 07/01/2003	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-4				
				<i>remarks - this release:</i>	.				
<hr/>									
TS 32.615	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition								
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-16 21/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.602-5				
edito after	SP-17 18/09/2002	5 . 0 . 1	get it	<i>remarks - this release:</i>	.				
<hr/>									
TS 32.621	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-17	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian						
<i>history (event, available, version,</i>									
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i>	was 32.620-1				
				<i>remarks - this release:</i>	.				

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

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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> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-17 27/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-2				
					<i>remarks - this release:</i> .				
<hr/>									
TS 32.623	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-17 27/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-3				
	SP-19	5 . 1 . 0			<i>remarks - this release:</i> .				
<hr/>									
TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG				
	<i>freeze_meeting:</i> SP-17		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-17 27/09/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.620-4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 32.625	Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-5	<i>current version:</i> format definition	5.0.0	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> BONNEAU, Frédéric					
NORTEL NETWORKS (EUROPE)									
	<i>freeze_meeting:</i> SP-15		G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-16 17/06/2002	1 . 0 . 0		get it	<i>remarks - general:</i>				
	SP-17 06/09/2002	2 . 0 . 0		get it	<i>remarks - this release:</i> .				
	SP-17 18/09/2002	5 . 0 . 0		get it					
<hr/>									
TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements								
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd				
	<i>freeze_meeting:</i> SP-16		G: U: yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i> was 32.621-1				
					<i>remarks - this release:</i> .				

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

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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> 5.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-17 23/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-2
	SP-18 07/01/2003	5 . 1 . 0	get it	<i>remarks - this release:</i> .
	SP-19	5 . 2 . 0		

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set			
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-3
	SP-18 07/01/2003	5 . 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-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i> SP-17	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-18 08/01/2003	5 . 0 . 0	get it	<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	5.0.0	<i>WG (prime / other):</i> S5	/- <i>rapporteur:</i> BONNEAU, Frédéric
	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-16 17/06/2002	1 . 0 . 0	get it	<i>remarks - general:</i> RP-15: existence gleaned from S5 report.
	SP-17 16/09/2002	2 . 0 . 0	get it	<i>remarks - this release:</i> .
	SP-17 18/09/2002	5 . 0 . 0	get it	

TS 32.641	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-17	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian	
<i>history (event, available, version,</i>				
	SP-17 27/09/2002	5 . 0 . 0	get it	<i>remarks - general:</i> was 32.622-1
				<i>remarks - this release:</i> .

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

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

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

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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> 5.0.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB			
	<i>freeze_meeting:</i> SP-17			<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 27/09/2002	5	.	0	.	0	get it	<i>remarks - general:</i> was 32.623-2	
	edito post SP-18 09/01/2003	5	.	0	.	1	get it	<i>remarks - this release:</i> .	
<hr/>									
TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set								
Rel-5	<i>current version:</i> 5.0.1			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG			
	<i>freeze_meeting:</i> SP-17			<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-17 08/10/2002	5	.	0	.	0	get it	<i>remarks - general:</i> was 32.623-3	
	edito post SP-18 09/01/2003	5	.	0	.	1	get it	<i>remarks - this release:</i> .	
<hr/>									
TS 32.654	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set								
Rel-5	<i>current version:</i> 5.0.0			<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG			
	<i>freeze_meeting:</i> SP-17			<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-18 08/01/2003	5	.	0	.	0	get it	<i>remarks - general:</i> was 32.623-4	
								<i>remarks - this release:</i> .	
<hr/>									
TS 32.655	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Bulk CM eXtensible Markup Language (XML) file								
Rel-5	<i>current version:</i> format definition			5.0.0	<i>WG (prime / other):</i> S5	<i>/ rapporteur:</i> BONNEAU, Frédéric			
	NORTEL NETWORKS (EUROPE)								
	<i>freeze_meeting:</i> SP-16				<i>G: yes U: yes</i>	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>								
	SP-16 17/06/2002	1	.	0	.	0	get it	<i>remarks - general:</i>	
	SP-17 16/09/2002	2	.	0	.	0	get it	<i>remarks - this release:</i>	
	SP-17 18/09/2002	5	.	0	.	0	get it		

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

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

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

TS 32.663	Telecommunication management; Configuration Management (CM); Kernel CM CORBA solution set				
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	SP-17 16/09/2002	1 . 0 . 0	get it	<i>remarks - general:</i>	SP-020466
	SP-17 18/09/2002	5 . 0 . 0	get it	<i>remarks - this release:</i>	SP-15: will not exist in Rel-5. SP-17 Oh yes it will!
	SP-19	5 . 1 . 0			

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

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

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

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

TS 32.673 Telecommunication management; Configuration Management (CM); State Management Integration Reference Point (IRP): CORBA Solution set
Rel-5 *current version:* 5.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-17 16/09/2002 1 . 0 . 0 SP-020470 [get it](#) *remarks - general:*
SP-17 18/09/2002 5 . 0 . 0 [get it](#) *remarks - this release:* .
SP-19 5 . 1 . 0

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

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

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

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

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

TS 33.102 3G security; Security architecture

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,
SP-16 19/06/2002 5 . 0 . 0
SP-18 18/12/2002 5 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* BLOMMAERT, Marc SIEMENS ATEA NV
G: *U:* yes *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

TS 33.106 Lawful interception requirements

Rel-5 *current version:* 5.1.0
freeze_meeting: SP-15
history (event, available, version,
SP-11 04/04/2001 5 . 0 . 0
SP-17 18/09/2002 5 . 1 . 0

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
G: *U:* yes *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 33.107 3G security; Lawful interception architecture and functions

Rel-5 *current version:* 5.5.0
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
SP-17 18/09/2002 5 . 4 . 0
SP-18 18/12/2002 5 . 5 . 0

WG (prime / other): S3 / - *rapporteur:* WILHELM, Berthold BUNDESMINISTERIUM FUR WIRTSCHAFT
G: *U:* yes *MCC:* POPE, Maurice
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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

3GPP specification status

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

TS 33.108	3G security; Handover interface for Lawful Interception (LI)								
Rel-5	<i>current version:</i> 5.3.0		<i>WG (prime / other):</i> S3 /		<i>rapporteur:</i> WILHELM, Berthold		BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-16		G: U: yes		<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-15 19/03/2002	1 . 0 . 0		get it	<i>remarks - general:</i>	2001-12-04	Title changed from "Lawful Interception; Interface between core		
	SP-16	2 . 0 . 0			<i>remarks - this release:</i>	.	network and law agency equipment" (Berthold.Wilhelm@RegTP.de).		
	SP-16 19/06/2002	5 . 0 . 0		get it					
	SP-17 23/09/2002	5 . 1 . 0		get it					
	SP-18 18/12/2002	5 . 2 . 0		get it					
	SP-19	5 . 3 . 0							
<hr/>									
TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security								
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> S3 / -		<i>rapporteur:</i> ESCOTT, Adrian		3		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-15 26/03/2002	5 . 0 . 0		get it	<i>remarks - general:</i>	2001-05-24:	title grows MAP; see 33.210 for IP equivalent.		
	SP-18 18/12/2002	5 . 1 . 0		get it	<i>remarks - this release:</i>	.			
<hr/>									
TS 33.201	Access domain security								
Rel-5	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /		<i>rapporteur:</i> POPE, Maurice		ETSI Secretariat		
	<i>freeze_meeting:</i> SP-15		G: U: yes		<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i>	.			

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

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

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

Rel-5 *current version:* 5.5.0 *WG (prime / other):* S3 / *rapporteur:* BOMAN, Krister Telefon AB LM Ericsson
freeze_meeting: SP-15 *G: yes U: yes* *MCC:* POPE, Maurice

history (event, available, version,
SP-13 03/10/2001 0 . 4 . 0 anticipate v2.0.0 at SP-15 [get it](#) *remarks - general:*
SP-14 02/01/2002 1 . 0 . 0 SP-010624 [get it](#) *remarks - this release:*
SP-15 19/03/2002 2 . 0 . 0 SP-020116 [get it](#)
SP-15 26/03/2002 5 . 0 . 0 But CR at SP-15 to correct reference to [get it](#)
SIP.
SP-15 26/03/2002 5 . 1 . 0 [get it](#)
SP-16 19/06/2002 5 . 2 . 0 [get it](#)
SP-17 18/09/2002 5 . 3 . 0 [get it](#)
SP-18 18/12/2002 5 . 4 . 0 [get it](#)
SP-19 5 . 5 . 0

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

Rel-5 *current version:* 5.3.0 *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](#)
SP-18 18/12/2002 5 . 2 . 0 [get it](#)
SP-19 5 . 3 . 0

TR 33.900 Guide to 3G security

Rel-5 *current version:* 0.4.1 DRAFT *WG (prime / other):* S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
freeze_meeting: SP-15 *G: U: yes* *MCC:* POPE, Maurice

history (event, available, version,
draft 0 . 4 . 1 v number seems to have restarted. Not *remarks - general:*
uploaded for fear of confusion. *remarks - this release:* .

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

TR 33.903 Access Security for IP based services

Rel-5 *current version:* none
freeze_meeting: SP-15
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:* 5.3.0
freeze_meeting: RP-15
history (event, available, version,

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

remarks - general: TSG#7: Will be transferred to RAN2 after approval. TSG#8:txfer is delayed.
remarks - this release: . TSG#9: Stable, so txfered from T1 to R2.

RP-15 19/03/2002 5 . 0 . 0
RP-16 17/06/2002 5 . 1 . 0
RP-18 13/01/2003 5 . 2 . 0
RP-19 5 . 3 . 0

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

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

Rel-5 *current version:* 5.3.0
freeze_meeting: TP-16
history (event, available, version,

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

remarks - general:
remarks - this release: .

TP-16 19/06/2002 5 . 0 . 0
corrects page 24/06/2002 5 . 0 . 1
headers
TP-17 10/09/2002 5 . 1 . 0
edito post TP-17 20/09/2002 5 . 1 . 1 There were two annexes C !
TP-18 18/12/2002 5 . 2 . 0
TP-19 5 . 3 . 0

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

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Server ACTIVE specs Rel-5 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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* T1 / - *rporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
TP-17 10/09/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
TP-18 18/12/2002 5 . 2 . 0 [get it](#)
TP-19 5 . 3 . 0

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

Rel-5 *current version:* 5.3.0 *WG (prime / other):* R4 / - *rporteur:* SOERENSEN, Ole NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
RP-15 03/04/2002 5 . 0 . 0 [get it](#) *remarks - general:* T1->R4@TSG#10
RP-17 02/10/2002 5 . 1 . 0 [get it](#) *remarks - this release:* .
RP-18 10/01/2003 5 . 2 . 0 [get it](#)
RP-19 5 . 3 . 0

TR 34.926 Table of international EMC requirements

Rel-5 *current version:* 5.0.0 *WG (prime / other):* R4 / - *rporteur:* 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 / - *rporteur:* 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 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice						
<i>history (event, available, version,</i>	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice						
<i>history (event, available, version,</i>	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> POPE, Maurice						
<i>history (event, available, version,</i>	SP-16 24/06/2002 5 . 0 . 0								
		get it	<i>remarks - general:</i> ex SAGE; supplied by ETSI under licence						
			<i>remarks - this release:</i> .						
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	<i>current version:</i> Document 1: General 5.0.0	<i>WG (prime / other):</i> S3	<i>rapporteur:</i> WALKER, Michael						
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G: 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> ex SAGE. 2002-06: clarified that deliverable is TS not TR.						
			<i>remarks - this release:</i> .						
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	<i>current version:</i> Document 2: Algorithm specification 5.0.0	<i>WG (prime / other):</i> S3	<i>rapporteur:</i> WALKER, Michael						
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-15	G: 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> ex SAGE						
			<i>remarks - this release:</i> .						

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

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

TS 35.207 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;
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: .

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: .

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

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

TR 41.033 Lawful Interception requirements for GSM

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:* MCKIBBEN, Bernie

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

MOTOROLA GmbH

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

TS 41.103 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Rel-5 *current version:* 5.3.0

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

SP-17 18/09/2002 5 . 1 . 0

SP-18 03/01/2003 5 . 2 . 0

SP-19 5 . 3 . 0

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M

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

ETSI Secretariat

[get it](#) *remarks - general:* post-SP-19: title changed to align with 01.01
remarks - this release: .

[get it](#)

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[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

G: yes U: *MCC:* DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

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

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

3GPP specification status

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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> 5.0.1	<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					
correct title line	22/10/2002 5 . 0 . 1					
		get it	<i>remarks - general:</i>			
		get it	<i>remarks - this release:</i> .			
<hr/>						
TS 42.069	Voice Broadcast Service (VBS); Stage 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer		
	<i>freeze_meeting:</i> SP-16	G: yes U:	MCC: CLAYTON, Michael			
<i>history (event, available, version,</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> .			

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

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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> .
TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-5	<i>current version:</i> 5.2.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> NP-15		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	NP-15 20/03/2002	5 . 0 . 0				get it <i>remarks - general:</i>
	NP-17 17/09/2002	5 . 1 . 0				get it <i>remarks - this release:</i> .
	NP-18 06/01/2003	5 . 2 . 0				get it
TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-5	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> GP-10		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	GP-10 19/07/2002	5 . 0 . 0				get it <i>remarks - general:</i>
						<i>remarks - this release:</i> .
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-5	<i>current version:</i> 5.6.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A	
	<i>freeze_meeting:</i> TP-15		<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
	TP-17 27/09/2002	5 . 4 . 0				get it
	TP-18 08/01/2003	5 . 5 . 0				get it
	TP-19	5 . 6 . 0				

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TS 43.020	Security-related network functions					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-16	GP				
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	SP-16 19/07/2002 5 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .
<hr/>						
TS 43.022	Functions related to Mobile Station (MS) in idle mode and group receive mode					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / N1	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> GP-10	<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> Moved from SMG3 Jan 2000.
	GP-11 19/09/2002 5 . 1 . 0				get it	<i>remarks - this release:</i> .
<hr/>						
TR 43.026	Multiband operation of GSM / DCS 1800 by a single operator					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	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>
	re-issue as TR 31/07/2002 5 . 0 . 1				get it	<i>remarks - this release:</i> .
	(not TS) as per					
	03.26					
<hr/>						
TR 43.030	Radio network planning aspects					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB		
	<i>freeze_meeting:</i> GP-10	<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>
	reissue as TR 5 . 0 . 1					<i>remarks - this release:</i> .
	instead of TS					
	GP-11 19/09/2002 5 . 1 . 0				get it	

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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	Telecom Italia Lab S.p.A.		
	<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> 5.8.0	<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				
	GP-11 19/09/2002 5 . 7 . 0	get it				
	GP-12 03/01/2003 5 . 8 . 0	get it				

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TS 43.052	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>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 MARTINEZ, Jose Luis	VODAFONE Group Plc			
	<i>freeze_meeting:</i> GP-10	G: yes U:	<i>MCC:</i> USAI, Paolino				
<i>history (event, available, version,</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	get it	<i>remarks - general:</i>				
	GP-07 04/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .				
	GP-08 19/02/2002 5 . 2 . 0	get it					
	GP-09 06/05/2002 5 . 3 . 0	get it					
<hr/>							
TS 43.064	Overall description of the GPRS radio interface; Stage 2						
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation			
	<i>freeze_meeting:</i> GP-09	G: yes U:	<i>MCC:</i> USAI, Paolino				
<i>history (event, available, version,</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	current version: 5.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: NP-15	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	NP-16 19/06/2002	5	. 0 . 0	get it	remarks - general:
post NP-16 edito	28/06/2002	5	. 0 . 1	get it	remarks - this release: .
	NP-17 17/09/2002	5	. 1 . 0	get it	
	NP-18 18/12/2002	5	. 2 . 0	get it	

TS 43.069	Voice Broadcast service (VBS); Stage 2				
Rel-5	current version: 5.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia Nortel Networks (USA)
	freeze_meeting: NP-15	G: yes	U:	MCC:	JORGENSEN, Per Johan
	history (event, available, version,				
	NP-16 19/06/2002	5	. 0 . 0	get it	remarks - general:
post NP-16 edito	28/06/2002	5	. 0 . 1	get it	remarks - this release: .
	NP-17 17/09/2002	5	. 1 . 0	get it	
	NP-18 18/12/2002	5	. 2 . 0	get it	

TS 43.073	Support of Localised Service Area (SoLSA); Stage 2				
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: SP-16	G: yes	U:	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	SP-16 24/06/2002	5	. 0 . 0	get it	remarks - general: SP-16: derived from 23.073 on reversion to GERAN-only service.
	technically identical to v4.0.0				remarks - this release: .

TS 43.130	Iur-g interface; Stage 2				
Rel-5	current version: 5.0.0	WG (prime / other):	G1 / -	rapporteur:	CARRIZO MARTINEZ, VODAFONE Group Plc
	freeze_meeting: GP-11	G: yes	U:	MCC:	Jose Luis USAI, Paolino
	history (event, available, version,				
	GP-11 16/09/2002	5	. 0 . 0	get it	remarks - general: Created identical to last version of 43.930. Also moved from G2 to G1.
	Technically identical to TR.43.930				remarks - this release: .

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Server ACTIVE specs Rel-5 43 .- series
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TR 43.900 Support for voice optimization for the IMS in the GERAN

Rel-5 *current version:* none
freeze_meeting: GP-10
history (event, available, version,

WG (prime / other): G1 / *rapporteur:* GUARINO, Bernard AT&T Wireless Services, Inc.
G: yes U: *MCC:* USAI, Paolino

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

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

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

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

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
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: .

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

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

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

history (event, available, version,
GP-11 27/09/2002 5 . 0 . 0
edito 17/12/2002 5 . 0 . 1

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

TS 44.004 Layer 1 - General Requirements

Rel-5 *current version:* 5.2.0
freeze_meeting: GP-09

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

history (event, available, version,
GP-06 15/11/2001 5 . 0 . 0
GP-07 08/01/2002 5 . 1 . 0
GP-09 06/05/2002 5 . 2 . 0

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

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Server ACTIVE specs Rel-5 44 .- series
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TS 44.005	Data Link (DL) Layer General Aspects					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 44.006	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 44.012	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / N2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i> Rel-4 onwards. (Rel-99 was 24.012)			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 44.013	Performance Requirements on Mobile Radio Interface					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc		
	<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 44.014	Individual equipment type requirements and interworking; Special conformance testing functions					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> GP-11	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-13 21/02/2003 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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

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

history (event, available, version,

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

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

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

history (event, available, version,

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

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

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

history (event, available, version,

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

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

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

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

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

TS 44.057	GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification			
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HUPPERICH, Peter	ALCATEL S.A.
	<i>freeze_meeting:</i> NP-15	<i>G: yes U:</i>	<i>MCC:</i>	JORGENSEN, Per Johan
	<i>history (event, available, version,</i>			
	NP-16 20/06/2002	5 . 0 . 0	get it	<i>remarks - general:</i>
				<i>remarks - this release:</i> .

TS 44.060	General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol			
Rel-5	<i>current version:</i> 5.5.0	<i>WG (prime / other):</i> G2 /	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>	<i>MCC:</i>	THOMASEN, Gert
	<i>history (event, available, version,</i>			
	GP-08 19/02/2002	5 . 0 . 0	get it	<i>remarks - general:</i> General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
	GP-09 03/05/2002	5 . 1 . 0	get it	<i>remarks - this release:</i> . (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
edito post	GP-09 28/05/2002	5 . 1 . 1	get it	
	GP-10 19/07/2002	5 . 2 . 0	get it	
	GP-11 16/09/2002	5 . 3 . 0	get it	
	GP-12 17/12/2002	5 . 4 . 0	get it	
	GP-13 21/02/2003	5 . 5 . 0	get it	

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

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

TS 44.064	Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification								
Rel-5	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: NP-15	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
	NP-14 04/01/2002	5 . 0 . 0		get it	remarks - general:				
	NP-15 19/03/2002	5 . 1 . 0		get it	remarks - this release: .				

TS 44.065	Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDP)								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S			
	freeze_meeting: NP-15	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
	NP-16 19/06/2002	5 . 0 . 0		get it	remarks - general: 24.065 existed, but scrapped since 04.65 is GSM only.				
					remarks - this release: .				

TS 44.068	Group Call Control (GCC) Protocol								
Rel-5	current version: 5.0.1	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: NP-15	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
	NP-16 19/06/2002	5 . 0 . 0		get it	remarks - general:				
post NP-16 edito	26/06/2002	5 . 0 . 1	Correct faulty styles / clause	get it	remarks - this release: .				

TS 44.069	Broadcast Call Control (BCC) protocol								
Rel-5	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: NP-15	G: yes U:		MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
	NP-16 19/06/2002	5 . 0 . 0		get it	remarks - general:				
					remarks - this release: .				

TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification								
Rel-5	current version: 5.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: GP-11	G: yes U:		MCC:	Peter Skov				
history (event, available, version,					THOMASEN, Gert				
	GP-11 27/09/2002	5 . 0 . 0		get it	remarks - general:				
	edito 17/12/2002	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 Rel-5 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

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

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

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

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

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

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

TS 45.001 Physical layer on the radio path; General description

Rel-5 *current version:* 5.5.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 15/02/2001 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](#)
GP-12 03/01/2003 5 . 5 . 0 [get it](#)

TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-5 *current version:* 5.8.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: GP-09 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
GP-03 15/02/2001 5 . 0 . 0 [get it](#) *remarks - general:*
edito 27/02/2001 5 . 0 . 1 [get it](#) *remarks - this release:*
GP-04 20/04/2001 5 . 1 . 0 [get it](#)
GP-06 01/10/2001 5 . 2 . 0 [get it](#)
GP-07 04/01/2002 5 . 3 . 0 [get it](#)
GP-08 19/02/2002 5 . 4 . 0 [get it](#)
GP-09 06/05/2002 5 . 5 . 0 [get it](#)
GP-10 19/07/2002 5 . 6 . 0 [get it](#)
GP-12 03/01/2003 5 . 7 . 0 [get it](#)
GP-13 21/02/2003 5 . 8 . 0 [get it](#)

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

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

TS 45.003 Channel coding

Rel-5 *current version:* 5.6.0
freeze_meeting: GP-09
history (event, available, version,

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

GP-03 06/02/2001 5 . 0 . 0
GP-05 28/06/2001 5 . 1 . 0
GP-06 01/10/2001 5 . 2 . 0
GP-07 04/01/2002 5 . 3 . 0
GP-08 19/02/2002 5 . 4 . 0
GP-09 06/05/2002 5 . 5 . 0
GP-10 19/07/2002 5 . 6 . 0

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

TS 45.004 Modulation

Rel-5 *current version:* 5.1.0
freeze_meeting: GP-09
history (event, available, version,

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

GP-07 04/01/2002 5 . 0 . 0
GP-10 19/07/2002 5 . 1 . 0

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

TS 45.005 Radio transmission and reception

Rel-5 *current version:* 5.7.0
freeze_meeting: GP-09
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats
G: yes U: *MCC:* USAI, Paolino

GP-05 28/06/2001 5 . 0 . 0
GP-06 01/10/2001 5 . 1 . 0
GP-07 04/01/2002 5 . 2 . 0
GP-09 06/05/2002 5 . 3 . 0
GP-10 19/07/2002 5 . 4 . 0
GP-11 19/09/2002 5 . 5 . 0
GP-12 03/01/2003 5 . 6 . 0
GP-13 21/02/2003 5 . 7 . 0

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

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

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

TS 45.008	Radio subsystem link control					
Rel-5	<i>current version:</i> 5.9.0		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> EL-SAIGH, Amer	VODAFONE Group Plc	
	<i>freeze_meeting:</i> GP-09		G: yes U:	<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>		
	GP-04 20/04/2001	5 . 1 . 0	get it	<i>remarks - this release:</i>		
	GP-05 28/06/2001	5 . 2 . 0	get it			
	GP-06 01/10/2001	5 . 3 . 0	get it			
	GP-07 04/01/2002	5 . 4 . 0	get it			
	GP-08 19/02/2002	5 . 5 . 0	get it			
	GP-09 06/05/2002	5 . 6 . 0	get it			
	GP-10 19/07/2002	5 . 7 . 0	get it			
	GP-11 19/09/2002	5 . 8 . 0	get it			
	GP-13 21/02/2003	5 . 9 . 0	get it			

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

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

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

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

TR 45.022 Radio link management in hierarchical networks
Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* USAI, Paolino

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

TR 45.050 Background for RF Requirements
Rel-5 *current version:* 5.0.1
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0
clean up 19/09/2002 5 . 0 . 1

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: yes U: *MCC:* Peter Skov
USAI, Paolino

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

TS 45.056 CTS-FP Radio Sub-system
Rel-5 *current version:* 5.0.0
freeze_meeting: GP-10
history (event, available, version,
GP-10 19/07/2002 5 . 0 . 0

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

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

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

TS 46.001 Full Rate Speech Processing Functions
Rel-5 *current version:* 5.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0

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

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

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

3GPP specification status

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

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

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

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

TS 46.011 Substitution and Muting of Lost Frames for Full Rate Speech Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.012 Comfort Noise Aspects for Full Rate Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SERENO, Daniele TELECOM ITALIA S.p.A.
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.020 Half Rate Speech Transcoding
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.021 Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 46.022 Comfort Noise Aspects for Half Rate Speech Traffic Channels
Rel-5 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-16 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
SP-16 28/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
TS 46.032	Voice Activity Detection (VAD)								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
TS 46.042	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
TS 46.051	GSM Enhanced full rate speech processing functions: General description								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	
<hr/>						
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-16	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-16 28/06/2002 5 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i> .	

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TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-16	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-16 28/06/2002	5 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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TS 48.001	General Aspects on the BSS-MSC Interface					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-11 27/09/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
	edito 17/12/2002 5 . 0 . 1	get it			<i>remarks - this release:</i> .	

TS 48.002	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles					
Rel-5	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		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> THOMASEN, Gert		
	GP-04 05/10/2001 5 . 0 . 0	get it			<i>remarks - general:</i>	
	GP-09 06/05/2002 5 . 1 . 0	get it			<i>remarks - this release:</i> .	

TS 48.004	Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-11 27/09/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
	edito 17/12/2002 5 . 0 . 1	get it			<i>remarks - this release:</i> .	

TS 48.006	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Rel-5	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> GP-11			Peter Skov		
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	GP-11 27/09/2002 5 . 0 . 0	get it			<i>remarks - general:</i>	
	edito 17/12/2002 5 . 0 . 1	get it			<i>remarks - this release:</i> .	

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TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Rel-5	<i>current version:</i> 5.8.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-05 19/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-06 14/09/2001 5 . 2 . 0	get it				
	GP-07 08/01/2002 5 . 3 . 0	get it				
	GP-08 19/02/2002 5 . 4 . 0	get it				
	GP-09 06/05/2002 5 . 5 . 0	get it				
	GP-10 19/07/2002 5 . 6 . 0	get it				
	GP-11 16/09/2002 5 . 7 . 0	get it				
	GP-12 18/12/2002 5 . 8 . 0	get it				

TS 48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
Rel-5	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		G: yes U:	MCC: THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-06 14/09/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-07 08/01/2002 5 . 1 . 0	get it	<i>remarks - this release:</i> .			

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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-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	BLACK, Jyoti	MOTOROLA			
	<i>freeze_meeting:</i> GP-09	<i>G: yes U:</i>		<i>MCC:</i>	THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	GP-06 10/09/2001	5 . 0 . 0		get it	<i>remarks - general:</i>				
	GP-07 08/01/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> .				
	GP-08 19/02/2002	5 . 2 . 0		get it					
	GP-09 06/05/2002	5 . 3 . 0		get it					
	GP-10 19/07/2002	5 . 4 . 0		get it					
	GP-11 16/09/2002	5 . 5 . 0		get it					
	edito 17/12/2002	5 . 5 . 1		get it					
	GP-13 21/02/2003	5 . 6 . 0		get it					

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

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification								
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	G2 / -	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-10	<i>G: yes U:</i>		<i>MCC:</i>	Peter Skov THOMASEN, Gert				
	<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> .				

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

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

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TS 48.052	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface - Interface Principles					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 48.054	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-5	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/12/2002 5 . 0 . 1	get it	<i>remarks - this release:</i> .			

TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification					
Rel-5	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-11		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-11 27/09/2002 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			

TS 48.058	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
Rel-5	<i>current version:</i> 5.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> GP-09		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	GP-04 04/05/2001 5 . 0 . 0	get it	<i>remarks - general:</i>			
	GP-05 18/06/2001 5 . 1 . 0	get it	<i>remarks - this release:</i> .			
	GP-06 10/09/2001 5 . 2 . 0	get it				
	GP-07 08/01/2002 5 . 3 . 0	get it				
	GP-08 19/02/2002 5 . 4 . 0	get it				
	GP-09 06/05/2002 5 . 5 . 0	get it				
	GP-10 19/07/2002 5 . 6 . 0	get it				

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http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.060	In-band control of remote transcoders and rate adaptors for full rate traffic channels						
Rel-5	current version: 5.2.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-09				Peter Skov		
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino		
	GP-09 06/05/2002		get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	GP-10 19/07/2002		get it	remarks - this release:	.		
	GP-11 19/09/2002		get it				
	5 . 0 . 0						
	5 . 1 . 0						
	5 . 2 . 0						
TS 48.061	In-band control of remote transcoders and rate adaptors for half rate traffic channels						
Rel-5	current version: 5.0.0	WG (prime / other):	G1 / NP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-09				Peter Skov		
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino		
	GP-09 06/05/2002		get it	remarks - general:	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
	5 . 0 . 0			remarks - this release:	.		
TS 48.071	Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification						
Rel-5	current version: 5.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: GP-11				Peter Skov		
	history (event, available, version,	G: yes U:		MCC:	THOMASEN, Gert		
	GP-11 27/09/2002		get it	remarks - general:			
	edito 17/12/2002		get it	remarks - this release:	.		
	5 . 0 . 0						
	5 . 0 . 1						

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

TR 49.001	General network interworking scenarios						
Rel-5	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: NP-15	G: yes U:		MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-16 25/06/2002		get it	remarks - general:			
	5 . 0 . 0			remarks - this release:	.		

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

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

TS 49.008 Application of the Base Station System Application Part (BSSAP) on the E-Interface
Rel-5 *current version:* 5.1.0 *WG (prime / other):* N1 / - *rapporteur:* FARHOUMAND, Ericsson Incorporated
freeze_meeting: NP-15
G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-16 19/06/2002 5 . 0 . 0 [get it](#) *remarks - general:*
NP-19 5 . 1 . 0 *remarks - this release:* .

TS 49.031 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)
Rel-5 *current version:* 5.3.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: GP-09
G: yes U: *MCC:* THOMASEN, Gert
history (event, available, version,
GP-06 02/10/2001 5 . 0 . 0 [get it](#) *remarks - general:*
edito 03/10/2001 5 . 0 . 1 [get it](#) *remarks - this release:* .
GP-07 08/01/2002 5 . 1 . 0 [get it](#)
GP-08 19/02/2002 5 . 2 . 0 [get it](#)
GP-10 19/07/2002 5 . 3 . 0 [get it](#)

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

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

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

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

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

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

replacement of 0 . 0 . 0

accidentally
omitted text

GP-11 20/09/2002 5 . 0 . 0

GP-12 20/12/2002 5 . 1 . 0

GP-13 21/02/2003 5 . 2 . 0

replacement of 28/02/2003 5 . 2 . 1

omitted text post

GP-13

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

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

GP-11 19/09/2002 5 . 0 . 0

GP-12 20/12/2002 5 . 1 . 0

GP-13 21/02/2003 5 . 2 . 0

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

remarks - this release: .

[get it](#)

[get it](#)

[get it](#)

TS 51.013 Test specification for SIM API for Java card

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

history (event, available, version,

remarks - general:

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

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

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

TS 51.021 GSM radio aspects base station system equipment specification

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

TS 51.026 GSM Repeater Equipment Specification

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

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

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

Rel-5 *current version:* 5.0.0 *WG (prime / other):* G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: GP-10 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
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:* 5.0.0 *WG (prime / other):* S5 / - *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-18 *G: yes U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-19 5 . 0 . 0 technically identical to v4.2.0 *remarks - general:* SP-13: replaces 32.402.
remarks - this release: SP-18: Expected to be raised to Rel-5 at SP-19.

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

Rel-4

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

TS 21.102 3rd Generation mobile system Release 4 specifications

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

history (event, available, version,

SP-08	30/06/2000	1	.	0	.	0
SP-10	04/01/2001	1	.	1	.	0
SP-11	11/04/2001	4	.	0	.	0
SP-12	05/07/2001	4	.	1	.	0
SP-13	01/10/2001	4	.	2	.	0
SP-14	03/01/2002	4	.	3	.	0
SP-15	27/03/2002	4	.	4	.	0
SP-16	19/06/2002	4	.	5	.	0
SP-17	18/09/2002	4	.	6	.	0
SP-18	03/01/2003	4	.	7	.	0

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

TS 21.111 USIM and IC card requirements

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

history (event, available, version,

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

[get it](#) remarks - general:
[get it](#) remarks - this release: 2002-04-15: T3 reported to be still thinking about whether or not to create a Rel-5 version. TP-16: decided to upgrade to Rel-5.

TS 21.133 3G security; Security threats and requirements

Rel-4 current version: 4.1.0
freeze_meeting: SP-11WG (prime / other): S3 / - rapporteur: CHRISTOFFERSSON, Telia Promotor AB
G: U: yes MCC: POPE, Maurice

history (event, available, version,

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

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

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

TR 21.801 Specification drafting rules

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

history (event, available, version,

SP-08 28/06/2000 1 . 0 . 0

SP-08 30/06/2000 4 . 0 . 0

SP-11 11/04/2001 4 . 1 . 0

SP-13 01/10/2001 4 . 2 . 0

SP-15 27/03/2002 4 . 3 . 0

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

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

[get it](#) *remarks - this release:* Formal doc created after TSG#7. (Was briefly 21.200)

[get it](#)

[get it](#)

[get it](#)

TR 21.900 Technical Specification Group working methods

Rel-4 *current version:* 4.0.0

freeze_meeting: SP-11

history (event, available, version,

SP-11 11/04/2001 4 . 0 . 0

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

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

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

TS 22.001	Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
	SP-09 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5		
	SP-10 08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
remove change	28/02/2001	4 . 1 . 1		get it			
bars							
	SP-12 27/06/2001	4 . 2 . 0		get it			
	SP-15 25/03/2002	4 . 3 . 0		get it			

TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
	SP-09 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-11 02/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-12 27/06/2001	4 . 2 . 0		get it			

TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
	SP-07 17/03/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#5		
	SP-10 08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-12 27/06/2001	4 . 2 . 0		get it			
	SP-15 25/03/2002	4 . 3 . 0		get it			

TS 22.004	General on supplementary services						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael		
<i>history (event, available, version,</i>							
	SP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-15 25/03/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-16 04/07/2002	4 . 2 . 0		get it			

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

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

TS 22.011	Service accessibility								
Rel-4	current version: 4.8.0	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		get it	remarks - general:	Transfer>TSG#4			
	SP-08 28/06/2000	4 . 1 . 0		get it	remarks - this release:				
	SP-09 18/10/2000	4 . 2 . 0		get it					
	SP-11 02/04/2001	4 . 3 . 0		get it					
	SP-12 27/06/2001	4 . 4 . 0		get it					
	SP-14 10/01/2002	4 . 5 . 0		get it					
	SP-15 25/03/2002	4 . 6 . 0		get it					
	SP-16 04/07/2002	4 . 7 . 0		get it					
	SP-17 17/09/2002	4 . 8 . 0		get it					
<hr/>									
TS 22.016	International Mobile Equipment Identities (IMEI)								
Rel-4	current version: 4.2.1	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-11 02/04/2001	4 . 0 . 0		get it	remarks - general:	Transfer>TSG#4			
	SP-15 25/03/2002	4 . 1 . 0		get it	remarks - this release:	TSG#8: CR proposed creation, but not aprvd.			
	SP-16 04/07/2002	4 . 2 . 0		get it					
	edito post SP-16 19/07/2002	4 . 2 . 1	History box	get it					
<hr/>									
TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
Rel-4	current version: 4.1.0	WG (prime / other):	S3 / -	rapporteur:	NGUYEN NGOC, Sebastien	France Telecom			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	POPE, Maurice				
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0		get it	remarks - general:	Transfer>TSG#4			
	SP-16 19/06/2002	4 . 1 . 0		get it	remarks - this release:				
<hr/>									
TS 22.024	Description of Charge Advice Information (CAI)								
Rel-4	current version: 4.0.0	WG (prime / other):	S1 / -	rapporteur:	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	CLAYTON, Michael				
	history (event, available, version,								
	SP-11 02/04/2001	4 . 0 . 0		get it	remarks - general:	Transfer>TSG#4,CR at TSG#5			
					remarks - this release:				

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TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4						
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>						
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-18	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</i>								
	SP-18 06/01/2003 4 . 0 . 0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 &						
			<i>remarks - this release:</i> Created from 42.031 Rel-4. Rel-5 -> 22.031.						
TS 22.032	Immediate Service Termination (IST); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-16	G: yes U: yes	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</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.						
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>						
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>						

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

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TS 22.041	Operator Determined Call Barring								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</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> .	
<hr/>									
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.1			<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	draft 23/04/1999	0	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4.	
	SP-03 23/04/1999	0	.	1	.	1	get it	<i>remarks - this release:</i>	
	SP-11 10/04/2001	4	.	0	.	0	get it		
	edito 01/10/2001	4	.	0	.	1	get it		
<hr/>									
TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-09 18/10/2000	4	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution	
	SP-15 25/03/2002	4	.	1	.	0	get it	<i>remarks - this release:</i> Environment (MExE); Stage 1".	

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

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Server ACTIVE specs Rel-4 22 .- series
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TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</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				

TS 22.066	Support of Mobile Number Portability (MNP); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it		<i>remarks - general:</i>	Transfer>TSG#4	
				<i>remarks - this release:</i>		

TS 22.067	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				

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TS 22.072	Call Deflection (CD); Stage 1						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> RAUCH, Horst		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>						
	SP-11 02/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4		
					<i>remarks - this release:</i>		
<hr/>							
TS 22.076	Noise suppression for the AMR codec; Service description; Stage 1						
Rel-4	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>		
	edito 01/10/2001 4 . 0 . 1			get it	<i>remarks - this release:</i>		
<hr/>							
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1						
Rel-4	<i>current version:</i> 4.5.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel		Lucent Technologies Network Systems UK	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>						
	SP-09 29/10/2000 4 . 0 . 0			get it	<i>remarks - general:</i>		
	SP-10 08/01/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>		
	SP-11 02/04/2001 4 . 2 . 0			get it			
	SP-12 27/06/2001 4 . 3 . 0			get it			
	SP-14 10/01/2002 4 . 4 . 0			get it			
	SP-15 25/03/2002 4 . 5 . 0			get it			
<hr/>							
TS 22.079	Support of optimal routing; Stage 1						
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael		EMCOM Ltd	
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</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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					Server	ACTIVE specs	Rel-4	22 .- series
TS 22.081	Line Identification supplementary services; Stage 1							
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -				
	<i>freeze_meeting:</i> SP-11			<i>rapporteur:</i> AHNBERG, Tomas				Indicate persons who left Company and wait for new One
	<i>history (event, available, version,</i>			<i>G: yes U: yes</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 / -				France Telecom
	<i>freeze_meeting:</i> SP-11			<i>rapporteur:</i> EVEN, Anne				
	<i>history (event, available, version,</i>			<i>G: yes U: yes</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				
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 / -				EMCOM Ltd
	<i>freeze_meeting:</i> SP-11			<i>rapporteur:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>			<i>G: yes U: yes</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 22.084	MultiParty (MPTY) supplementary service; Stage 1							
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -				EMCOM Ltd
	<i>freeze_meeting:</i> SP-11			<i>rapporteur:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>			<i>G: yes U: yes</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 22.085	Closed User Group (CUG) supplementary services; Stage 1							
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> S1 / -				EMCOM Ltd
	<i>freeze_meeting:</i> SP-11			<i>rapporteur:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>			<i>G: yes U: yes</i>				
	SP-11 02/04/2001 4 . 0 . 0			get it				<i>remarks - general:</i> Transfer>TSG#4
	SP-15 25/03/2002 4 . 1 . 0			get it				<i>remarks - this release:</i>

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TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>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>			
<hr/>						
TS 22.088	Call Barring (CB) supplementary services; Stage 1					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
	SP-15 25/03/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi			NOKIA Corporation
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			
<hr/>						
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	SP-11 02/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4			
			<i>remarks - this release:</i>			

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

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TS 22.101	Service aspects; Service principles						
Rel-4	<i>current version:</i> 4.6.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-08 28/06/2000	4 . 0 . 0	based on 3.9.0	get it	<i>remarks - general:</i>		
	SP-09 18/10/2000	4 . 1 . 0		get it	<i>remarks - this release:</i> based on 3.9.0		
	SP-10 08/01/2001	4 . 2 . 0		get it			
	SP-11 02/04/2001	4 . 3 . 0		get it			
	SP-12 27/06/2001	4 . 4 . 0		get it			
	spelling 31/07/2001	4 . 4 . 1		get it			
	SP-13 05/10/2001	4 . 5 . 0		get it			
	SP-15 25/03/2002	4 . 6 . 0		get it			
TS 22.105	Services and service capabilities						
Rel-4	<i>current version:</i> 4.3.0						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-10 08/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-12 27/06/2001	4 . 2 . 0		get it			
	SP-15 25/03/2002	4 . 3 . 0		get it			
TS 22.115	Service Aspects Charging and billing						
Rel-4	<i>current version:</i> 4.0.0						
	<i>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>		
					<i>remarks - this release:</i>		
TR 22.121	Service aspects; The Virtual Home Environment; Stage 1						
Rel-4	<i>current version:</i> 4.1.1						
	<i>freeze_meeting:</i> SP-11						
	<i>history (event, available, version,</i>						
	SP-04 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Former title: "Provision of Services in UMTS - The Virtual Home Environment;		
	SP-11 02/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i> Stage 1". SP-16: converted from TS to TR.		
	SP-16 19/07/2002	4 . 1 . 1	Converted from TS to TR.	get it			

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S1 / - *rapporteur:* SWETINA, Joerg SIEMENS AG
freeze_meeting: SP-11 *G:* *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](#)

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

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

history (event, available, version,
SP-09 18/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
SP-10 08/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
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](#)

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TS 22.135 Multicall; Service description; Stage 1

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-15 27/03/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-16 4 . 2 . 0 CR010 unimplementable because
written to wrong version. No new CR at
SP-17; still waiting.
SP-18 18/12/2002 4 . 2 . 0 CR010r1 implemented [get it](#)

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

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* (development in T2)
SP-05 08/10/1999 1 . 0 . 0 [get it](#) *remarks - this release:* based on 3.0.0
SP-06 17/12/1999 2 . 0 . 0 [get it](#)
SP-08 4 . 0 . 0
SP-08 28/06/2000 4 . 0 . 1 [get it](#)
SP-11 02/04/2001 4 . 1 . 0 [get it](#)
SP-15 28/03/2002 4 . 2 . 0 [get it](#)
SP-18 07/01/2003 4 . 3 . 0 [get it](#)

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

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TS 23.002	Network architecture						
Rel-4	<i>current version:</i> 4.7.0			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> SULTAN, Alain	SOURCE COM	
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>						
	SP-09 18/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5		
	SP-10 21/12/2000	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	SP-11 06/04/2001	4 . 2 . 0		get it			
	SP-12 29/06/2001	4 . 3 . 0		get it			
	SP-14 07/01/2002	4 . 4 . 0		get it			
	SP-17 24/09/2002	4 . 5 . 0		get it			
	SP-18 10/01/2003	4 . 6 . 0		get it			
	SP-19	4 . 7 . 0					

TS 23.003	Numbering, Addressing and Identification						
Rel-4	<i>current version:</i> 4.5.0			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 02/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	NP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	NP-13 03/10/2001	4 . 2 . 0		get it			
	NP-14 11/01/2002	4 . 3 . 0		get it			
	NP-16 21/06/2002	4 . 4 . 0		get it			
	NP-17 17/09/2002	4 . 5 . 0		get it			

TS 23.007	Restoration procedures						
Rel-4	<i>current version:</i> 4.1.1			<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</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>		
	NP-16 21/06/2002	4 . 1 . 0		get it			
	corrects 24/09/2002	4 . 1 . 1		get it			

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TS 23.008 Organisation of subscriber data

Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 28/03/2001 4 . 0 . 0
NP-12 27/06/2001 4 . 1 . 0
NP-16 21/06/2002 4 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* BAUER, Rolf ALCATEL SEL AG
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

TS 23.009 Handover procedures

Rel-4 *current version:* 4.7.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-12 06/07/2001 4 . 1 . 0
NP-13 05/10/2001 4 . 2 . 0
NP-14 08/01/2002 4 . 3 . 0
NP-16 20/06/2002 4 . 4 . 0
NP-17 17/09/2002 4 . 5 . 0
NP-18 02/01/2003 4 . 6 . 0
NP-19 4 . 7 . 0

WG (prime / other): N1 / N4 *rapporteur:* FARHOUMAND, Ericsson Incorporated
G: yes U: yes *MCC:* JORGENSEN, Per Johan
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 23.011 Technical realization of Supplementary Services

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
NP-11 04/04/2001 4 . 0 . 0
corrects 24/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: yes *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 23.012 Location management procedures

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

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

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

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

history (event, available, version,

NP-11 11/04/2001 4 . 0 . 0

NP-17 17/09/2002 4 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG

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

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

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

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

Rel-4 *current version:* 4.0.1

freeze_meeting: SP-11

history (event, available, version,

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

corrects 24/06/2002 4 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

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

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

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

TS 23.016 Subscriber data management; Stage 2

Rel-4 *current version:* 4.3.0

freeze_meeting: SP-11

history (event, available, version,

NP-11 30/03/2001 4 . 0 . 0

NP-15 28/03/2002 4 . 1 . 0

NP-16 21/06/2002 4 . 2 . 0

NP-17 17/09/2002 4 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software

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

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

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

[get it](#)

[get it](#)

TS 23.018 Basic Call Handling; Technical realization

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version,

NP-09 25/10/2000 4 . 0 . 0

NP-10 21/12/2000 4 . 1 . 0

NP-11 06/04/2001 4 . 2 . 0

NP-12 27/06/2001 4 . 3 . 0

NP-13 03/10/2001 4 . 4 . 0

NP-14 16/01/2002 4 . 5 . 0

NP-15 28/03/2002 4 . 6 . 0

NP-19 4 . 7 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

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

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

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

[get it](#)

[get it](#)

[get it](#)

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TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-18	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i> SP-18 06/01/2003 4 . 0 . 0	Technically identical to 43.031 v4.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &	<i>remarks - this release:</i> Created from 43.031 Rel-4. Rel-5 -> 23.031.		
TS 23.032	Universal Geographical Area Description (GAD)						
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i> SP-11 11/04/2001 4 . 0 . 0		get it	<i>remarks - general:</i> S2 responsibility?			
	SP-18 07/01/2003 4 . 1 . 0		get it	<i>remarks - this release:</i>			
	edito post SP-18 10/01/2003 4 . 1 . 1		get it				
	to correct figures						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, Inmaculada	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<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>		
TS 23.035	Immediate Service Termination (IST); Stage 2						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-16	<i>G:</i> yes <i>U:</i> 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 03.35 (R99) and 43.035 (Rel-4 onwards).			
	SP-17 18/09/2002 4 . 1 . 0		get it	<i>remarks - this release:</i> SP-16: takes over from 43.035 Rel-4			

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TS 23.038 Alphabets and language-specific information

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-10 03/01/2001 4 . 1 . 0 [get it](#) *remarks - this release:* based on 3.3.0
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-13 03/10/2001 4 . 3 . 0 [get it](#)
TP-14 11/01/2002 4 . 4 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 23.040 Technical realization of Short Message Service (SMS)

Rel-4 *current version:* 4.7.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-08 23/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-09 11/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-11 29/03/2001 4 . 2 . 0 [get it](#)
TP-12 02/07/2001 4 . 3 . 0 [get it](#)
TP-13 03/10/2001 4 . 4 . 0 [get it](#)
TP-14 11/01/2002 4 . 5 . 0 [get it](#)
TP-15 21/03/2002 4 . 6 . 0 [get it](#)
TP-16 25/06/2002 4 . 7 . 0 [get it](#)

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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

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-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
TP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-14 11/01/2002 4 . 2 . 0 [get it](#)
TP-16 02/07/2002 4 . 3 . 0 [get it](#)
TP-19 4 . 4 . 0

TS 23.042 Compression algorithm for SMS

Rel-4 *current version:* 4.0.1 *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:*
include test vector 17/10/2001 4 . 0 . 1 [get it](#) *remarks - this release:*
file

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: TP-12 *G: yes U: yes* *MCC:* DIETZE, Claus

history (event, available, version,
TP-12 06/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TP-12: replaces 43.048. TP-15: For test spec, see 31.048,
TP-13 12/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:* .
TP-14 17/01/2002 4 . 2 . 0 [get it](#)
TP-15 28/03/2002 4 . 3 . 0 [get it](#)
TP-19 4 . 4 . 0

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S4 / S2 *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino

history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* No draft.
SP-11 29/03/2001 4 . 0 . 0 [get it](#) *remarks - this release:*
edito 01/10/2001 4 . 0 . 1 [get it](#)

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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:* 4.7.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,
SP-11 06/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 12/10/2001 4 . 2 . 0 [get it](#)
SP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 4 . 3 . 1 [get it](#)
SP-15 05/04/2002 4 . 4 . 0 [get it](#)
SP-16 17/06/2002 4 . 5 . 0 [get it](#)
SP-17 02/10/2002 4 . 6 . 0 [get it](#)
SP-18 10/01/2003 4 . 7 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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:*

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TS 23.067	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
<i>history (event, available, version,</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> 5.3.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> HOMANN, Christian	ALCATEL SEL AG		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana			
<i>history (event, available, version,</i>						
NP-11	02/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5		
NP-12	29/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i> Phase 3.		
NP-13	03/10/2001	4 . 2 . 0	get it			
NP-14	04/01/2002	4 . 3 . 0	get it			
NP-15	19/03/2002	4 . 4 . 0	get it			
NP-16	17/06/2002	4 . 5 . 0	get it			
post NP-16 edito	19/06/2002	4 . 5 . 1	get it			
NP-17	17/09/2002	4 . 6 . 0	get it			
editorial correction	14/11/2002	4 . 6 . 1	get it			
to cover page				minor correction, no need for SDO publication		
NP-18	18/12/2002	4 . 7 . 0	get it			
NP-19		4 . 8 . 0				
NP-19		5 . 3 . 0				

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TS 23.079	Support of Optimal Routeing (SOR); Technical realization; Stage 2					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11		Chalmers			
	<i>history (event, available, version,</i>	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> CR at TSG#4,CR at TSG#5			
	NP-16 21/06/2002 4 . 1 . 0	get it	<i>remarks - this release:</i> .			
	NP-18 07/01/2003 4 . 2 . 0	get it				
<hr/>						
TS 23.081	Line Identification supplementary services; Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-17 17/09/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TS 23.082	Call Forwarding (CF) Supplementary Services; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-12 27/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-13 03/10/2001 4 . 2 . 0	get it				
	NP-16 21/06/2002 4 . 3 . 0	get it				
<hr/>						
TS 23.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-09 26/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 30/03/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	inclusion of 24/04/2001 4 . 2 . 0	get it				
	missed CR					
	NP-14 10/01/2002 4 . 3 . 0	get it				

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TS 23.084	MultiParty (MPY) Supplementary Service; Stage 2								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-11 30/03/2001 4 . 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 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-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 23.087	User-to-User Signalling (UUS) supplementary service; Stage 2								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						
<hr/>									
TS 23.088	Call Barring (CB) Supplementary Service; Stage 2								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i>						

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TS 23.090	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 / - G: yes U: yes	rapporteur: CROOK, Mick MCC: KYMALAINEN, Kimmo	ORANGE PCS LTD
			get it	remarks - general: remarks - this release:	
TS 23.091	Explicit Call Transfer (ECT) Supplementary Service; Stage 2	Rel-4 current version: 4.1.0 freeze_meeting: SP-11 history (event, available, version, NP-11 30/03/2001 4 . 0 . 0 NP-17 17/09/2002 4 . 1 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software
			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 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software
			get it	remarks - general: remarks - this release:	
TS 23.094	Follow Me 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 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software
			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 freeze_meeting: SP-11 history (event, available, version, NP-11 04/04/2001 4 . 0 . 0	WG (prime / other): N4 / - G: yes U: yes	rapporteur: WIEHE, Ulrich MCC: KYMALAINEN, Kimmo	Gesellschaft für Kommunikations Software
			get it	remarks - general: remarks - this release:	

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TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
NP-11	04/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	Transfer>TSG#4,CR at TSG#5
								<i>remarks - this release:</i>	
<hr/>									
TS 23.101	General UMTS Architecture								
Rel-4	<i>current version:</i> 4.0.0								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
SP-11	11/04/2001	4	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	
<hr/>									
TS 23.107	Quality of Service (QoS) concept and architecture								
Rel-4	<i>current version:</i> 4.6.0								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
SP-10	22/12/2000	4	.	0	.	0			
SP-12	29/06/2001	4	.	1	.	0			
SP-13	12/10/2001	4	.	2	.	0			
SP-14	07/01/2002	4	.	3	.	0			
SP-15	07/04/2002	4	.	4	.	0			
SP-17	24/09/2002	4	.	5	.	0			
SP-18	10/01/2003	4	.	6	.	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		
							get it		
<hr/>									
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)								
Rel-4	<i>current version:</i> 4.0.1								
	<i>freeze_meeting:</i> SP-11								
<i>history (event, available, version,</i>									
NP-11	11/04/2001	4	.	0	.	0			NP-15 withdrawn
post NP-16	28/06/2002	4	.	0	.	1			update history table
							get it	<i>remarks - general:</i>	This is clause 7 from 04.08 ex R98.
							get it	<i>remarks - this release:</i>	2002-02-26: Hietalahti proposes to withdraw, no further interest, unmaintained. 2002-04-15: N1-23 decision to continue to Rel-5. 2002-06-27: (Jorgensen) if R99 and Rel-5 exist, so musts Rel-4, so re-instated.

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TS 23.110	UMTS Access Stratum Services and Functions								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	SP-11 11/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 23.116	Super-Charger technical realization; Stage 2								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ALLEN, Nicholas	Indicate persons who left Company and wait for new One				
	<i>freeze_meeting:</i> SP-11		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> New after TSG#5				
	NP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-14 10/01/2002	4 . 2 . 0		get it					
<hr/>									
TS 23.119	Gateway Location Register (GLR); Stage2								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SAWADA, Masahiro	NTT DoCoMo Inc.				
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> New after TSG#5				
					<i>remarks - this release:</i>				
<hr/>									
TS 23.122	Non-Access-Stratum functions related to Mobile Station (MS) in idle mode								
Rel-4	<i>current version:</i> 4.3.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HIETALAHTI, Hannu	NOKIA Corporation				
	<i>freeze_meeting:</i> SP-11		G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	NP-11 11/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-12 05/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
	NP-17 17/09/2002	4 . 2 . 0		get it					
	NP-18 18/12/2002	4 . 3 . 0		get it					

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TS 23.127	Virtual Home Environment (VHE) / Open Service Access (OSA); Stage 2								
Rel-4	current version: 4.3.0	WG (prime / other):	S2 / -	rapporteur:	GOURRAUD,	ERICSSON RESEARCH CANADA			
	freeze_meeting: SP-11	G:	U: yes	MCC:	YOON, Sang-Ui				
history (event, available, version,									
SP-09	06/11/2000	4 . 0 . 0		get it	remarks - general:	Sept 00: "Open Service Architecture" removed from title.			
SP-11	06/04/2001	4 . 1 . 0		get it	remarks - this release:				
SP-12	29/06/2001	4 . 2 . 0		get it					
SP-15	05/04/2002	4 . 3 . 0		get it					

TS 23.135	Multicall supplementary service; Stage 2								
Rel-4	current version: 4.0.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-11	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-09	25/10/2000	4 . 0 . 0		get it	remarks - general:				
					remarks - this release:				

TS 23.140	Multimedia Messaging Service (MMS); Functional description; Stage 2								
Rel-4	current version: 4.9.0	WG (prime / other):	T2 / -	rapporteur:	LAUMEN, Josef	SIEMENS AG			
	freeze_meeting: SP-11	G: yes	U: yes	MCC:	RODERMUND, Friedhelm				
history (event, available, version,									
TP-09	06/10/2000	4 . 0 . 0		get it	remarks - general:				
TP-10	21/12/2000	4 . 1 . 0		get it	remarks - this release:				
TP-11	29/03/2001	4 . 2 . 0		get it					
TP-12	03/07/2001	4 . 3 . 0		get it					
TP-13	05/10/2001	4 . 4 . 0		get it					
TP-14	11/01/2002	4 . 5 . 0		get it					
TP-15	21/03/2002	4 . 6 . 0		get it					
TP-16	25/06/2002	4 . 7 . 0		get it					
TP-17	23/09/2002	4 . 8 . 0		get it					
TP-19		4 . 9 . 0							

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

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

history (event, available, version,

NP-06	17/12/1999	1	.	0	.	0	get it <i>remarks - general:</i>
NP-07	17/03/2000	1	.	1	.	0	get it <i>remarks - this release:</i> New @ TSG#6, Circuit switched type of Real time Non transparent FAX specification. TSG#7:1.1.0 "but not stable enough to be made available!"
N3-10	25/05/2000	2	.	0	.	0	get it
NP-08	23/06/2000	4	.	0	.	0	get it
NP-09	12/10/2000	4	.	1	.	0	get it

TS 23.153 Out of Band Transcoder Control; Stage 2

Rel-4 *current version:* 4.7.0 *WG (prime / other):* N4 / - *rapporteur:* HODGES, Phil Telefon AB LM Ericsson
freeze_meeting: SP-10 *G:* U: yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

draft	14/01/2000	1	.	0	.	0	get it <i>remarks - general:</i> New after TSG#5
NP-07	21/11/2000	2	.	0	.	0	get it <i>remarks - this release:</i> argument in SA over r99 or r00] concl: not approved
NP-10		2	.	3	.	0	NP-000653
NP-10	09/01/2001	4	.	0	.	0	get it
NP-11	04/04/2001	4	.	1	.	0	get it
NP-12	27/06/2001	4	.	2	.	0	get it
NP-13	03/10/2001	4	.	3	.	0	get it
NP-14	10/01/2002	4	.	4	.	0	get it
NP-17	18/09/2002	4	.	5	.	0	get it
NP-18	09/01/2003	4	.	6	.	0	get it
NP-19		4	.	7	.	0	

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

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
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
NP-17 18/09/2002 4 . 6 . 0

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

[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
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

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

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

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

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

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TS 23.271	Location Services (LCS); Functional description; Stage 2					
Rel-4	current version: 4.8.0		WG (prime / other): S2 / -	rapporteur: KÅLL, Jan	NOKIA Corporation	
	freeze_meeting: SP-11		G: yes U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	draft 10/07/2000	0 . 1 . 0	get it	remarks - general:	post-TSG#8: Recombined 2G and 3G spec for R00 onwards.	
	draft 14/09/2000	0 . 2 . 0	get it	remarks - this release:	post-TSG#8: Recombined Rel99 2G and 3G specs (respectively 03.71 and 23.171).	
	SP-09 09/11/2000	1 . 0 . 0	get it			
	draft 22/11/2000	1 . 1 . 0	get it			
	SP-10	2 . 0 . 0				SP-000596
	SP-10 27/02/2001	4 . 0 . 0	get it			
	SP-11 11/04/2001	4 . 1 . 0	get it			
	SP-12 02/07/2001	4 . 2 . 0	get it			
	SP-13 15/10/2001	4 . 3 . 0	get it			
	SP-14 07/01/2002	4 . 4 . 0	get it			
	SP-15 29/03/2002	4 . 5 . 0	get it			
	SP-16 18/06/2002	4 . 6 . 0	get it			
	SP-17 24/09/2002	4 . 7 . 0	get it			
	SP-18 09/01/2003	4 . 8 . 0	get it			
TR 23.821	Architecture Principles for Release 2000					
Rel-4	current version: 1.0.1	DRAFT	WG (prime / other): S2 / -	rapporteur: LIND, Christer	Indicate persons who left Company and wait for new One	
	freeze_meeting: SP-11		G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	SP-08 28/06/2000	1 . 0 . 1	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		WG (prime / other): S2 / -	rapporteur: IBANEZ, Juan-Antonio	Telefon AB LM Ericsson	
	freeze_meeting: SP-11		G: U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	draft 12/09/2000	0 . 2 . 0	get it	remarks - general:		
	draft 08/11/2000	0 . 3 . 0	get it	remarks - this release:		
	draft 20/11/2000	0 . 4 . 0	get it			
	SP-10 31/01/2001	1 . 0 . 0	get it			
	draft 30/12/2000	1 . 1 . 0	get it			
	SP-11 11/04/2001	4 . 0 . 0	get it			

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

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

TR 23.908	Technical report on Pre-Paging							
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB			
	<i>freeze_meeting:</i> SP-11		<i>G: yes</i>	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>		<i>U: yes</i>					
	NP-11 04/04/2001	4 . 0 . 0					<i>remarks - general:</i>	
			get it				<i>remarks - this release:</i>	

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

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TR 23.910	Circuit switched data bearer services					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-09 18/10/2000 4 . 0 . 0	get it	<i>remarks - general:</i> 03.10 GSM only @ TSG#5	Replaced by 3G Report 23.910(+post TSG#4 approval)		
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>			
	NP-10 22/12/2000 4 . 1 . 0	get it				
	NP-11 06/04/2001 4 . 2 . 0	get it				
	NP-12 28/06/2001 4 . 3 . 0	get it				
	NP-14 11/01/2002 4 . 4 . 0	get it				
	NP-17 17/09/2002 4 . 5 . 0	get it				
	NP-18 06/01/2003 4 . 6 . 0	get it				
	NP-19 4 . 7 . 0					
<hr/>						
TR 23.911	Technical report on Out-of-band transcoder control					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TR 23.912	Technical report on Super-Charger					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<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-14 10/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
<hr/>						
TR 23.925	UMTS Core network based ATM transport					
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROUZ, Adel	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> YOON, Sang-Ui			
	<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>			

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TR 23.930 Iu Principles
Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,
SP-11 11/04/2001 4 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* AXERUD, Bo NOKIA TELECOMMUNICATIONS FINLAND
G: *U:* yes *MCC:* YOON, Sang-Ui

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

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

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration
Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 06/04/2001 4 . 0 . 0
NP-19 4 . 1 . 0

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

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

TS 24.007 Mobile radio interface signalling layer 3; General Aspects
Rel-4 *current version:* 4.2.0
freeze_meeting: SP-11
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0
NP-14 04/01/2002 4 . 1 . 0
NP-16 24/06/2002 4 . 2 . 0

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

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

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 24.008	Mobile radio interface Layer 3 specification; Core network protocols; Stage 3								
Rel-4	<i>current version:</i> 4.10.0		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> JORGENSEN, Per Johan				
<i>history (event, available, version,</i>									
NP-09	12/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>	CR correction produced 3.0.1, CR at TSG#5. Outstanding issues not expected to			
NP-10	03/01/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	be resolved till Jun00.			
edito	09/01/2001	4 . 1 . 1		get it					
NP-11	06/04/2001	4 . 2 . 0		get it					
edito	06/07/2001	4 . 2 . 1	replaces missing section of table	get it					
NP-12	13/07/2001	4 . 3 . 0		get it					
NP-13	04/10/2001	4 . 4 . 0		get it					
NP-14	09/01/2002	4 . 5 . 0		get it					
NP-15	21/03/2002	4 . 6 . 0		get it					
NP-16	24/06/2002	4 . 7 . 0		get it					
NP-17	17/09/2002	4 . 8 . 0		get it					
NP-18	18/12/2002	4 . 9 . 0		get it					
NP-19		4 . 10 . 0							

TS 24.010	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects								
Rel-4	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N4 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<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-13	03/10/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>				
NP-14	10/01/2002	4 . 2 . 0		get it					

TS 24.011	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface								
Rel-4	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i> N1 / T2		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> SP-11		G: yes U: yes		<i>MCC:</i> JORGENSEN, Per Johan				
<i>history (event, available, version,</i>									
NP-11	06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	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									

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

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

TS 24.022	Radio Link Protocol (RLP) for circuit switched bearer and teleservices								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	KLEHN, Norbert	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	BOSWARTHICK, David				
<i>history (event, available, version,</i>	NP-11 06/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link 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>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>	NP-11 30/03/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	TSG#7: txfrd from SMG to 3GPP for R99.			
	NP-12 27/06/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>				
	NP-14 10/01/2002 4 . 2 . 0			get it					
<hr/>									
TS 24.067	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	SCHMITT, Peter	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</i>	NP-11 04/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
	NP-12 27/06/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>				
<hr/>									
TS 24.072	Call Deflection Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U: yes</i>		<i>MCC:</i>	KYMALAINEN, Kimmo				
<i>history (event, available, version,</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>				

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

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TS 24.080	Mobile radio Layer 3 supplementary service specification; Formats and coding						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<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			

TS 24.081	Line Identification Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	corrects 24/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 24.082	Call Forwarding supplementary service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<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>		

TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	correct references 25/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

TS 24.084	MultiParty (MPTY) Supplementary Service; Stage 3						
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	N4 / -	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>						
	NP-11 04/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
	correct references 25/06/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>		

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

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

TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>						
TS 24.087	User-to-User Signalling (UUS); Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>						
TS 24.088	Call Barring (CB) Supplementary Service; Stage 3								
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>						
	correct references 25/06/2002 4 . 0 . 1	get it	<i>remarks - this release:</i>						
	correct history 23/07/2002 4 . 0 . 2	get it							
TS 24.090	Unstructured Supplementary Service Data (USSD); Stage 3								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BRUSS, Jörg	ERICSSON Eurolab Deutschland GmbH					
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</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 24.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 3

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

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

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

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

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

TS 24.096 Name Identification Supplementary Service; Stage 3

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

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

TS 24.135 Multicall supplementary service; Stage 3

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

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

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

TS 25.101 UE Radio transmission and reception (FDD)

Rel-4 current version: 4.7.0

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
RP-18	10/01/2003	4	.	6	.	0
RP-19		4	.	7	.	0

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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

Rel-4 current version: 4.7.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	10/04/2001	4	.	0	.	0
RP-12	29/06/2001	4	.	1	.	0
RP-13	10/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	01/07/2002	4	.	5	.	0
RP-17	02/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0

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

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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

Rel-4 current version: 4.7.0

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
RP-18	10/01/2003	4	.	6	.	0
RP-19		4	.	7	.	0

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

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

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

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

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

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

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

RP-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-14 16/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 01/07/2002 4 . 5 . 0
RP-18 10/01/2003 4 . 6 . 0
RP-19 4 . 7 . 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:* 4.5.0
freeze_meeting: SP-11

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

history (event, available, version,
Start of work 01/08/2000 0 . 0 . 1
RP-09 13/10/2000 1 . 0 . 0
RP-10 21/12/2000 1 . 1 . 0 RP-000596
RP-11 10/04/2001 4 . 0 . 0
RP-13 10/10/2001 4 . 1 . 0
RP-16 01/07/2002 4 . 2 . 0
RP-17 02/10/2002 4 . 3 . 0
RP-18 10/01/2003 4 . 4 . 0
RP-19 4 . 5 . 0

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

TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

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

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-11 10/04/2001 4 . 0 . 0
RP-12 29/06/2001 4 . 1 . 0
RP-13 10/10/2001 4 . 2 . 0
RP-17 02/10/2002 4 . 3 . 0
RP-18 10/01/2003 4 . 4 . 0

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

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

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

Rel-4 *current version:* 4.8.0 *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 <i>remarks - general:</i>
RP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
RP-13	10/10/2001	4	.	2	.	0	get it
RP-14	16/01/2002	4	.	3	.	0	get it
RP-15	29/03/2002	4	.	4	.	0	get it
RP-16	03/07/2002	4	.	5	.	0	get it
RP-17	10/10/2002	4	.	6	.	0	get it
RP-18	10/01/2003	4	.	7	.	0	get it
RP-19		4	.	8	.	0	

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

Rel-4 *current version:* 4.8.0 *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 <i>remarks - general:</i>
RP-12	29/06/2001	4	.	1	.	0	get it <i>remarks - this release:</i>
RP-13	10/10/2001	4	.	2	.	0	get it
RP-14	17/01/2002	4	.	3	.	0	get it
RP-15	29/03/2002	4	.	4	.	0	get it
RP-16	04/07/2002	4	.	5	.	0	get it
RP-17	04/10/2002	4	.	6	.	0	get it
RP-18	10/01/2003	4	.	7	.	0	get it
RP-19		4	.	8	.	0	

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

3GPP specification status

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

TS 25.141 Base station conformance testing (FDD)

Rel-4 *current version:* 4.8.0

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
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19		4	.	8	.	0

WG (prime / other): R4 / - *rapporteur:* NAKAMURA, Takaharu Fujitsu Limited

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

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

[get it](#)

[get it](#)

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[get it](#)

TS 25.142 Base station conformance testing (TDD)

Rel-4 *current version:* 4.8.0

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
RP-17	04/10/2002	4	.	6	.	0
RP-18	10/01/2003	4	.	7	.	0
RP-19		4	.	8	.	0

WG (prime / other): R4 / - *rapporteur:* MEYER, Juergen SIEMENS AG

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

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

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

TS 25.143 UTRA repeater; Conformance testing

Rel-4 current version: 4.7.0

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-000671

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

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

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

RP-15 19/03/2002 4 . 3 . 0

RP-16 03/07/2002 4 . 4 . 0

RP-17 02/10/2002 4 . 5 . 0

RP-18 10/01/2003 4 . 6 . 0

RP-19 4 . 7 . 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](#)

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TS 25.201 Physical layer - general description

Rel-4 current version: 4.3.0

freeze_meeting: SP-11

history (event, available, version,

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

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

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

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

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

G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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

Rel-4 current version: 4.6.0

freeze_meeting: SP-11

history (event, available, version,

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

RP-12 28/06/2001 4 . 1 . 0

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

RP-14 09/01/2002 4 . 3 . 0

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

RP-16 28/06/2002 4 . 5 . 0

RP-17 27/09/2002 4 . 6 . 0

WG (prime / other): R1 / - rapporteur: WILDE, Andreas Telefon AB LM Ericsson

G: U: yes MCC: SASAKI, Tsukasa

[get it](#) remarks - general:

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

[get it](#)

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

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

TS 25.212 Multiplexing and channel coding (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	27/09/2002	4	.	6	.	0

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

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

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

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 SIEMENS AG

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

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

TS 25.214 Physical layer procedures (FDD)

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	05/04/2001	4	.	0	.	0
RP-12	28/06/2001	4	.	1	.	0
RP-13	08/10/2001	4	.	2	.	0
RP-14	09/01/2002	4	.	3	.	0
RP-15	29/03/2002	4	.	4	.	0
RP-17	27/09/2002	4	.	5	.	0
RP-19		4	.	6	.	0

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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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 25.215 Physical layer; Measurements (FDD)

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

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

RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0

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

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

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

WG (prime / other): R1 / - *rapporteur:* HIRAMATSU, Katsuhiko Panasonic Mobile Communications Co.,Ltd.
G: *U:* yes *MCC:* SASAKI, Tsukasa

RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 27/09/2002 4 . 6 . 0
RP-18 07/01/2003 4 . 7 . 0

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

TS 25.222 Multiplexing and channel coding (TDD)

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

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

RP-11 05/04/2001 4 . 0 . 0
RP-13 08/10/2001 4 . 1 . 0
RP-14 09/01/2002 4 . 2 . 0
RP-15 29/03/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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[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 25.223 Spreading and modulation (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-18 07/01/2003 4 . 5 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.224 Physical layer procedures (TDD)

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-15 29/03/2002 4 . 4 . 0
RP-16 28/06/2002 4 . 5 . 0
RP-17 27/09/2002 4 . 6 . 0
RP-18 07/01/2003 4 . 7 . 0
RP-19 4 . 8 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 25.225 Physical layer; Measurements (TDD)

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 05/04/2001 4 . 0 . 0
RP-12 28/06/2001 4 . 1 . 0
RP-13 08/10/2001 4 . 2 . 0
RP-14 09/01/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0
RP-17 27/09/2002 4 . 5 . 0
RP-18 07/01/2003 4 . 6 . 0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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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 25.301 Radio Interface Protocol Architecture

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R2 / - *rapporteur:* GRANZOW, Wolfgang
G: *U:* yes *MCC:* ARZELIER, Claude ERICSSON Eurolab Deutschland GmbH

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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TS 25.302 Services provided by the physical layer

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

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

RP-11 27/03/2001 4 . 0 . 0
RP-12 19/06/2001 4 . 1 . 0
RP-13 02/10/2001 4 . 2 . 0
RP-14 04/01/2002 4 . 3 . 0
RP-15 19/03/2002 4 . 4 . 0
RP-16 17/06/2002 4 . 5 . 0
RP-17 18/09/2002 4 . 6 . 0
RP-18 20/12/2002 4 . 7 . 0

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

TS 25.303 Interlayer procedures in Connected Mode

Rel-4 *current version:* 4.5.0
freeze_meeting: SP-11
history (event, available, version,

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

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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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 Rel-4 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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / - *rapporteur:* MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>
RP-12	27/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	4 . 2 . 0	get it	
RP-14	04/01/2002	4 . 3 . 0	get it	
RP-15	19/03/2002	4 . 4 . 0	get it	
RP-16	17/06/2002	4 . 5 . 0	get it	
RP-18	08/01/2003	4 . 6 . 0	get it	

TS 25.305 User Equipment (UE) positioning in Universal Terrestrial Radio Access Network (UTRAN); Stage 2

Rel-4 *current version:* 4.4.0 *WG (prime / other):* R2 / - *rapporteur:* MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Created from 25.923
RP-12	19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-14	04/01/2002	4 . 2 . 0	get it	
RP-15	19/03/2002	4 . 3 . 0	get it	
RP-19		4 . 4 . 0		

TS 25.306 UE Radio Access capabilities definition

Rel-4 *current version:* 4.6.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-11	27/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-12	19/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>
RP-13	02/10/2001	4 . 2 . 0	get it	
RP-14	04/01/2002	4 . 3 . 0	get it	
RP-15	19/03/2002	4 . 4 . 0	get it	
RP-16	17/06/2002	4 . 5 . 0	get it	
RP-18	08/01/2003	4 . 6 . 0	get it	

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 25.307 Requirements on UEs supporting a release-independent frequency band

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

TS 25.321 Medium Access Control (MAC) protocol specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* NEMETHOVA, Olivia SIEMENS AG
freeze_meeting: RP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 02/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 18/09/2002 4 . 6 . 0 [get it](#)
RP-18 08/01/2003 4 . 7 . 0 [get it](#)
RP-19 4 . 8 . 0

TS 25.322 Radio Link Control (RLC) protocol specification

Rel-4 *current version:* 4.8.0 *WG (prime / other):* R2 / - *rapporteur:* MADELAINE, Sebastien PHILIPS CONSUMER COMMUNICATION
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
RP-12 19/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-13 03/10/2001 4 . 2 . 0 [get it](#)
RP-14 04/01/2002 4 . 3 . 0 [get it](#)
RP-15 19/03/2002 4 . 4 . 0 [get it](#)
RP-16 17/06/2002 4 . 5 . 0 [get it](#)
RP-17 19/09/2002 4 . 6 . 0 [get it](#)
RP-18 10/01/2003 4 . 7 . 0 [get it](#)
RP-19 4 . 8 . 0

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 25.323 Packet Data Convergence Protocol (PDCP) specification

Rel-4 *current version:* 4.6.0
freeze_meeting: SP-11
history (event, available, version,
 RP-11 27/03/2001 4 . 0 . 0
 RP-12 19/06/2001 4 . 1 . 0
 RP-13 02/10/2001 4 . 2 . 0
 RP-14 04/01/2002 4 . 3 . 0
 RP-15 19/03/2002 4 . 4 . 0
 RP-16 17/06/2002 4 . 5 . 0
 RP-17 18/09/2002 4 . 6 . 0

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

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

TS 25.324 Broadcast/Multicast Control (BMC)

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,
 RP-11 27/03/2001 4 . 0 . 0
 RP-16 17/06/2002 4 . 1 . 0
 RP-18 13/01/2003 4 . 2 . 0
 RP-19 4 . 3 . 0

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

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

TS 25.331 Radio Resource Control (RRC) protocol specification

Rel-4 *current version:* 4.9.0
freeze_meeting: SP-11
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
 RP-17 20/09/2002 4 . 6 . 0 Do not use this version: contains wrong ASN.1
 Misimplemented 23/09/2002 4 . 7 . 0 v4.6.0 omitted ASN.1 in error
 RP-17 CR
 RP-18 03/02/2003 4 . 8 . 0
 RP-19 4 . 9 . 0

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

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

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.401	UTRAN overall description					
Rel-4	<i>current version:</i> 4.6.0	<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> Approval at TSG#5			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-15 02/04/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				
	RP-17 30/09/2002 4 . 5 . 0	get it				
	RP-18 03/01/2003 4 . 6 . 0	get it				
<hr/>						
TS 25.402	Synchronisation in UTRAN Stage 2					
Rel-4	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PIOLINI, Flavio	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> New			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-15 02/04/2002 4 . 4 . 0	get it				
	RP-16 28/06/2002 4 . 5 . 0	get it				
	RP-18 03/01/2003 4 . 6 . 0	get it				
<hr/>						
TS 25.410	UTRAN Iu Interface: General Aspects and Principles					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TOWNEND, Richard	mm02 plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i> Approval at TSG#5			
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	RP-13 12/10/2001 4 . 2 . 0	get it				
	RP-14 11/01/2002 4 . 3 . 0	get it				
	RP-16 28/06/2002 4 . 4 . 0	get it				
	RP-17 30/09/2002 4 . 5 . 0	get it				

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TS 25.411	UTRAN Iu interface layer 1					
Rel-4	current version: 4.1.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			get it	remarks - general:	
	RP-12 06/07/2001			get it	remarks - this release:	
	4 . 0 . 0					
	4 . 1 . 0					
<hr/>						
TS 25.412	UTRAN Iu interface signalling transport					
Rel-4	current version: 4.1.0	WG (prime / other):	R3 / -	rapporteur:	THAKARE, Kiran	RadioScape Limited
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			get it	remarks - general:	
	RP-17 30/09/2002			get it	remarks - this release:	
	4 . 0 . 0					
	4 . 1 . 0					
<hr/>						
TS 25.413	UTRAN Iu interface RANAP signalling					
Rel-4	current version: 4.8.0	WG (prime / other):	R3 / -	rapporteur:	JUSSILA, Jyrki	NOKIA Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
	history (event, available, version,					
	RP-11 06/04/2001			get it	remarks - general:	
	RP-12 06/07/2001			get it	remarks - this release:	
	RP-13 12/10/2001			get it		
	RP-14 14/01/2002			get it		
	RP-15 02/04/2002			get it		
	RP-16 05/07/2002			get it		
	RP-17 03/10/2002			get it		
	RP-18 03/01/2003			get it		
	RP-19					
	4 . 0 . 0					
	4 . 1 . 0					
	4 . 2 . 0					
	4 . 3 . 0					
	4 . 4 . 0					
	4 . 5 . 0					
	4 . 6 . 0					
	4 . 7 . 0					
	4 . 8 . 0					

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.414 UTRAN lu interface data transport & transport signalling

Rel-4 *current version:* 4.6.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-13	12/10/2001	4	.	1	.	0
RP-14	14/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0
RP-18	03/01/2003	4	.	5	.	0
RP-19		4	.	6	.	0

WG (prime / other): R3 / - *rapporteur:* COMSTOCK, David

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

Telefon AB LM Ericsson

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

TS 25.415 UTRAN lu interface user plane protocols

Rel-4 *current version:* 4.7.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	14/01/2002	4	.	3	.	0
RP-15	25/03/2002	4	.	4	.	0
RP-16	28/06/2002	4	.	5	.	0
RP-17	30/09/2002	4	.	6	.	0
RP-18	03/01/2003	4	.	7	.	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](#)
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Server ACTIVE specs Rel-4 25 .- series
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TS 25.419	UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)						
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> TAYLOR, Carolyn	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</i>							
RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
RP-12	06/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>			
RP-13	12/10/2001	4 . 2 . 0	get it				
RP-14	11/01/2002	4 . 3 . 0	get it				
RP-15	25/03/2002	4 . 4 . 0	get it				
RP-16	28/06/2002	4 . 5 . 0	get it				
correct vers no.	06/08/2002	4 . 5 . 1	get it				
shown on doc							
RP-17	03/10/2002	4 . 6 . 0	get it				
RP-19		4 . 7 . 0					
TS 25.420	UTRAN Iur Interface: General Aspects and Principles						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</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				
TS 25.421	UTRAN Iur interface Layer 1						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</i>							
RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i>			
TS 25.422	UTRAN Iur interface signalling transport						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> THAKARE, Kiran	RadioScape Limited			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern				
<i>history (event, available, version,</i>							
RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>			
RP-14	11/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>			
edito post RP-14	02/04/2002	4 . 1 . 1	get it				
RP-17	03/10/2002	4 . 2 . 0	get it				

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Server ACTIVE specs Rel-4 25 .- series
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TS 25.423 UTRAN lur interface RNSAP signalling

Rel-4 current version: 4.8.0

freeze_meeting: SP-11

history (event, available, version,

RP-11	06/04/2001	4	.	0	.	0
RP-12	06/07/2001	4	.	1	.	0
RP-13	12/10/2001	4	.	2	.	0
RP-14	11/01/2002	4	.	3	.	0
RP-15	02/04/2002	4	.	4	.	0
RP-16	05/07/2002	4	.	5	.	0
RP-17	11/10/2002	4	.	6	.	0
RP-18	03/01/2003	4	.	7	.	0
RP-19		4	.	8	.	0

WG (prime / other): R3 / -

G: U: yes

rapporteur: RUNE, Göran

MCC: KRAUSE, Joern

Ericsson AB

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

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

Rel-4 current version: 4.3.0

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

WG (prime / other): R3 / -

G: U: yes

rapporteur: DREVON, Nicolas

MCC: KRAUSE, Joern

ALCATEL S.A.

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

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

Rel-4 current version: 4.3.0

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	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0

WG (prime / other): R3 / -

G: U: yes

rapporteur: DREVON, Nicolas

MCC: KRAUSE, Joern

ALCATEL S.A.

[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 25.426	UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams					
Rel-4	current version: 4.4.0	WG (prime / other):	R3 / -	rapporteur:	KEKKI, Sami	NOKIA Corporation
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
RP-11	06/04/2001	4 . 0 . 0		get it	remarks - general:	
RP-14	11/01/2002	4 . 1 . 0		get it	remarks - this release:	
RP-15	02/04/2002	4 . 2 . 0		get it		
RP-16	28/06/2002	4 . 3 . 0		get it		
RP-17	03/10/2002	4 . 4 . 0		get it		

TS 25.427	UTRAN Iur and Iub interface user plane protocols for DCH data streams					
Rel-4	current version: 4.4.0	WG (prime / other):	R3 / -	rapporteur:	LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
RP-11	06/04/2001	4 . 0 . 0		get it	remarks - general:	
RP-12	06/07/2001	4 . 1 . 0		get it	remarks - this release:	
RP-13	12/10/2001	4 . 2 . 0		get it		
RP-14	11/01/2002	4 . 3 . 0		get it		
RP-18	03/01/2003	4 . 4 . 0		get it		

TS 25.430	UTRAN Iub Interface: General Aspects and Principles					
Rel-4	current version: 4.4.0	WG (prime / other):	R3 / -	rapporteur:	WILSON, Mick	FUJITSU Laboratories of Europe Limited
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
RP-11	06/04/2001	4 . 0 . 0		get it	remarks - general:	
RP-12	06/07/2001	4 . 1 . 0		get it	remarks - this release:	
RP-14	11/01/2002	4 . 2 . 0		get it		
RP-16	28/06/2002	4 . 3 . 0		get it		
RP-17	03/10/2002	4 . 4 . 0		get it		

TS 25.431	UTRAN Iub interface Layer 1					
Rel-4	current version: 4.0.0	WG (prime / other):	R3 / -	rapporteur:	BRANDT, Achim V.	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	KRAUSE, Joern	
history (event, available, version,						
RP-11	06/04/2001	4 . 0 . 0		get it	remarks - general:	
					remarks - this release:	

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TS 25.432 UTRAN lub interface: signalling transport

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

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

FUJITSU Laboratories of Europe Limited

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

TS 25.433 UTRAN lub interface NBAP signalling

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,
RP-11 06/04/2001 4 . 0 . 0
RP-12 06/07/2001 4 . 1 . 0
RP-13 12/10/2001 4 . 2 . 0
edito 23/10/2001 4 . 2 . 1
RP-14 11/01/2002 4 . 3 . 0
RP-15 04/04/2002 4 . 4 . 0
RP-16 19/07/2002 4 . 5 . 0
RP-17 11/10/2002 4 . 6 . 0
RP-18 03/01/2003 4 . 7 . 0
RP-19 4 . 8 . 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](#)
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TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

Rel-4 *current version:* 4.4.0
freeze_meeting: SP-11
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-15 02/04/2002 4 . 3 . 0
RP-16 28/06/2002 4 . 4 . 0

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

TeliaSonera AB

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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Server ACTIVE specs Rel-4 25 .- series
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TS 25.435	UTRAN lub interface user plane protocols for CCH data streams						
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> CALMEL, Jean-Marie	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>	<i>U: yes</i>					
	RP-11 06/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	RP-12 06/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	RP-13 12/10/2001 4 . 2 . 0	get it					
	RP-14 11/01/2002 4 . 3 . 0	get it					
	RP-15 02/04/2002 4 . 4 . 0	get it					
	RP-17 03/10/2002 4 . 5 . 0	get it					

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

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

TR 25.834	UTRA TDD low chip rate option; Radio protocol aspects						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LIU, YanHui	CATT			
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>	<i>U: yes</i>					
	Start of work 01/07/2000 0 . 0 . 0	get it	<i>remarks - general:</i>				
	draft 15/07/2000 0 . 0 . 1	get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
	draft 01/08/2000 0 . 1 . 0	get it					
	RP-09 01/10/2000 1 . 0 . 0	get it					
	RP-10 20/12/2000 4 . 0 . 0	get it					
	RP-11 27/03/2001 4 . 1 . 0	get it					

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TR 25.836	Node B synchronization for TDD								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> OESTREICH, Stefan	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-10 12/01/2001	4	.	0	.	0		get it	<i>remarks - general:</i>
	RP-11 05/04/2001	4	.	1	.	0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
<hr/>									
TR 25.838	Node B Synchronisation for TDD (lub/lur aspects)								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> LENHART, Johannes	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> KRAUSE, Joern				
	<i>history (event, available, version,</i>								
	draft 15/07/2000	0	.	0	.	1		get it	<i>remarks - general:</i>
	RP-09 21/09/2000	0	.	1	.	0		get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.
	RP-10 21/12/2000	0	.	1	.	1		get it	
	RP-11 06/04/2001	4	.	0	.	0		get it	
	RP-14 11/01/2002	4	.	1	.	0		get it	
<hr/>									
TR 25.840	Terminal power saving features								
Rel-4	<i>current version:</i> 2.3.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> LEE, Juho	Samsung Electronics Ind. Co., Ltd.			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-09 28/09/2000	1	.	0	.	0		get it	<i>remarks - general:</i>
	RP-10 12/01/2001	2	.	0	.	0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
	RP-11 05/04/2001	2	.	3	.	0		get it	
<hr/>									
TR 25.841	DSCH power control improvement in soft handover								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> TOSKALA, Antti	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11			G: U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-09 28/09/2000	1	.	0	.	0		get it	<i>remarks - general:</i>
	RP-10 12/01/2001	4	.	0	.	0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
	RP-11 04/04/2001	4	.	1	.	0		get it	

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

TR 25.842	Smart antenna								
Rel-4	<i>current version:</i> 1.0.0		DRAFT	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> HU, Jinling		CATT		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> SASAKI, Tsukasa				
	<i>history (event, available, version,</i>								
	RP-09 12/01/2001	1 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> .RP-15: Not to be promoted to Rel-5.				
<hr/>									
TR 25.843	1,28 Mcps TDD UE Radio Access Capabilities								
Rel-4	<i>current version:</i> 4.1.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> ZHU, Yifei		CATT		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude				
	<i>history (event, available, version,</i>								
	RP-10 20/12/2000	4 . 0 . 0		get it	<i>remarks - general:</i>				
	RP-11 27/03/2001	4 . 1 . 0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
<hr/>									
TR 25.844	Radio acces bearer support enhancements								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KRISHNARAJAH,		Ericsson AB		
	<i>freeze_meeting:</i> SP-11			<i>G:</i> U: yes	Ainkaran				
	<i>history (event, available, version,</i>				<i>MCC:</i> ARZELIER, Claude				
	RP-10 20/12/2000	1 . 0 . 0	RP-000560	get it	<i>remarks - general:</i>				
	RP-11 27/03/2001	4 . 0 . 0		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.				
	RP-13 02/10/2001	4 . 1 . 0		get it					
	RP-16 17/06/2002	4 . 2 . 0		get it					
	RP-17 18/09/2002	4 . 3 . 0		get it					
<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			<i>G:</i> U: yes	<i>MCC:</i> 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					

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TR 25.848	Physical Layer Aspects of UTRA High Speed Downlink Packet Access								
Rel-4	current version: 4.0.0	WG (prime / other): R1 /	rapporteur: IKEDA, Shinobu	NEC Corporation					
	freeze_meeting: SP-10	G: U: yes	MCC: SASAKI, Tsukasa						
history (event, available, version,	RP-11 05/04/2001 4 . 0 . 0								
		get it	remarks - general:						
			remarks - this release: RP-15: Not to be promoted to Rel-5.						
TR 25.849	DSCH power control improvement in soft handover								
Rel-4	current version: 4.0.0	WG (prime / other): R3 / -	rapporteur: WOONHEE, Hwang	NOKIA Corporation					
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern						
history (event, available, version,	RP-11 06/04/2001 4 . 0 . 0								
		get it	remarks - general:						
			remarks - this release: RP-15: No upgrade to Rel-5.						
TR 25.850	UE positioning in UTRAN lub/lur protocol aspects								
Rel-4	current version: 4.3.0	WG (prime / other): R3 / -	rapporteur: HAUTALA, Jari	NOKIA Corporation					
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern						
history (event, available, version,	RP-10 21/12/2000 0 . 0 . 2 RP-000658								
	draft 21/12/2000 0 . 1 . 0	get it	remarks - general:						
	RP-11 06/04/2001 4 . 0 . 0	get it	remarks - this release: RP-15: No upgrade to Rel-5.						
	RP-12 06/07/2001 4 . 1 . 0	get it							
	RP-13 12/10/2001 4 . 2 . 0	get it							
	RP-14 11/01/2002 4 . 3 . 0	get it							
TR 25.851	RAB Quality of Service (QoS) Renegotiation over lu								
Rel-4	current version: 4.0.0	WG (prime / other): R3 /	rapporteur: IRWIN, Sania	MOTOROLA GmbH					
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern						
history (event, available, version,	RP-10 21/12/2000 0 . 0 . 2 RP-000660								
	RP-11 06/04/2001 4 . 0 . 0	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	WG (prime / other): R3 /	rapporteur: DIESEN, Michael	MOTOROLA Ltd					
	freeze_meeting: SP-11	G: U: yes	MCC: KRAUSE, Joern						
history (event, available, version,	RP-11 06/04/2001 0 . 0 . 0								
		get it	remarks - general:						
			remarks - this release: RP-15: No upgrade to Rel-5. RP-19: future to be discussed R3-35						

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

TR 25.853	Delay budget within the access stratum					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DELL'ACQUA, Massimo	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> RP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i> Was 25.932. Approved and renumbered at TSG#10.			
	RP-11 06/04/2001 4 . 0 . 0		<i>remarks - this release:</i> RP-15: No upgrade to Rel-5.			
<hr/>						
TR 25.921	Guidelines and principles for protocol description and error handling					
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>			
	RP-11 27/03/2001 4 . 0 . 0		<i>remarks - this release:</i>			
	RP-12 19/06/2001 4 . 1 . 0	get it				
	RP-13 02/10/2001 4 . 2 . 0	get it				
	RP-14 04/01/2002 4 . 3 . 0	get it				
	RP-15 19/03/2002 4 . 4 . 0	get it				
	RP-18 13/01/2003 4 . 5 . 0	get it				
<hr/>						
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	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>			
	RP-11 27/03/2001 4 . 0 . 0		<i>remarks - this release:</i>			
	RP-13 02/10/2001 4 . 1 . 0	get it				
	RP-15 19/03/2002 4 . 2 . 0	get it				
<hr/>						
TR 25.928	1,28 Mcps functionality for UTRA TDD physical layer					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> R1 / -	<i>rapporteur:</i> AKSENTIJEVIC, Mirko	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> SASAKI, Tsukasa			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i> Created R1#10, Jan 99.			
	RP-07 0 . 0 . 2 RP-000091		<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.			
	RP-07 15/03/2000 0 . 0 . 3 RP-000158	get it				
	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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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
history (event, available, version,

RP-11	30/03/2001	4	.	0	.	0
RP-12	05/07/2001	4	.	1	.	0
RP-14	11/01/2002	4	.	2	.	0
RP-15	02/04/2002	4	.	3	.	0
RP-16	28/06/2002	4	.	4	.	0

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

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

TR 25.934 AAL2 QoS optimization

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-11
history (event, available, version,

draft	25/04/2000	0	.	0	.	0
draft	16/05/2000	0	.	0	.	1
RP-09	28/09/2000	0	.	2	.	0
RP-10	21/12/2000	0	.	2	.	1
RP-11	06/04/2001	4	.	0	.	0

RP-000646

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)

TR 25.935 RRM optimisation

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11
history (event, available, version,

Start of work	01/08/2000	0	.	0	.	0
draft	15/07/2000	0	.	0	.	1
R3-15	15/08/2000	0	.	1	.	0
RP-10	21/12/2000	0	.	1	.	1
draft	16/10/2000	1	.	0	.	0
RP-11	06/04/2001	4	.	0	.	0
RP-15	25/03/2002	4	.	1	.	0

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

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.
[get it](#)
[get it](#)
[get it](#)

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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

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

WG (prime / other): R3 / - *rapporteur:* MOUSSET, Claire

NORTEL NETWORKS (EUROPE)

G: *U:* yes

MCC: KRAUSE, Joern

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TR 25.937 UTRAN TDD low chiprate

Rel-4 *current version:* 4.1.0

freeze_meeting: SP-11

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

WG (prime / other): R3 / - *rapporteur:* XU, Bing

HuaWei Technologies Co., Ltd

G: *U:* yes

MCC: KRAUSE, Joern

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

[get it](#) *remarks - this release:* RP-15: No upgrade to Rel-5.

[get it](#)

[get it](#)

[get it](#)

TR 25.942 RF system scenarios

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-12

history (event, available, version,

RP-11 10/10/2001 4 . 0 . 0 expected post RP-12

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

RP-16 03/07/2002 4 . 2 . 0

WG (prime / other): R4 / - *rapporteur:* BENABDALLAH, Nadia

Vodafone Omnitel N.V

G: *U:* yes

MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:* Additional rapporteur = A.De Pasquale.

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

[get it](#)

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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 (<i>prime / other</i>):	R4 / -	<i>rapporteur:</i> SKÖLD, Johan Telefon AB LM Ericsson
	<i>freeze_meeting:</i> RP-12		G:	U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar
	<i>history (event, available, version,</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	

TR 25.944	Channel coding and multiplexing examples				
Rel-4	<i>current version:</i> 4.1.0		WG (<i>prime / other</i>):	R1 / -	<i>rapporteur:</i> IKEDA, Shinobu NEC Corporation
	<i>freeze_meeting:</i> SP-11		G:	U: yes	<i>MCC:</i> SASAKI, Tsukasa
	<i>history (event, available, version,</i>				
	RP-11 06/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> Created Jan 2000 (aka R1.04)
	edito 10/04/2001	4 . 0 . 1		get it	<i>remarks - this release:</i> RP-15: Not to be promoted to Rel-5.
	RP-12 28/06/2001	4 . 1 . 0		get it	

TR 25.945	RF requirements for low chip rate TDD option				
Rel-4	<i>current version:</i> 4.1.1		WG (<i>prime / other</i>):	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	get it	<i>remarks - this release:</i>
	RP-11 28/05/2001	4 . 0 . 0	Cosmetically too nasty to publish as ETSI TR (TS??)	get it	
	RP-13 10/10/2001	4 . 1 . 0		get it	
	fix layout prob 10/10/2001	4 . 1 . 1		get it	

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Server ACTIVE specs Rel-4 25 .- series
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TR 25.946	RAB Quality of Service (QoS) Negotiation over Lu					
Rel-4	current version: 4.0.0	WG (prime / other):	R3	/ -	rapporteur:	MOLANDER, Anders
	freeze_meeting: SP-11	G:	U: yes		MCC:	KRAUSE, Joern
history (event, available, version,						
draft	15/08/2000		0	.	0	.
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			0	.	1	.
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			0	.	1	.
			4	.	0	.
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			0	.	1	.
			4	.	0	.
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			0	.	1	.
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			0	.	0	.
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			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
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			0	.	1	.
			4	.	0	.
			0	.	0	.
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			4	.	0	.
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			0	.	1	.
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			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.
			0	.	0	.
			0	.	1	.
			4	.	0	.

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

TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
Rel-4 *current version:* 4.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 13/01/2003 4 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

Rel-4 **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
Rel-4 *current version:* 4.0.0 *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
[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release:

TS 26.073 AMR speech Codec; C-source code
Rel-4 *current version:* 4.1.0 *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-14 09/01/2002 4 . 1 . 0
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 26.074 AMR speech Codec; Test sequences
Rel-4 *current version:* 4.0.1 *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
corected tests 04/07/2001 4 . 0 . 1
[get it](#) *remarks - general:* Transfer>TSG#4
[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 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.077	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.090	AMR speech Codec; Transcoding Functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 07/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.091	AMR speech Codec; Error concealment of lost frames					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.092	AMR speech Codec; comfort noise for AMR Speech Traffic Channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	
<hr/>						
TS 26.093	AMR speech Codec; Source Controlled Rate operation					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> EKUDDEN, Erik		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-10 21/12/2000 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4	
					<i>remarks - this release:</i>	

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TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino			Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4		
					<i>remarks - this release:</i>		
<hr/>							
TS 26.101	Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure						
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAGQVIST, Jari			NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>		
	SP-12 27/06/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>		
	SP-15 28/03/2002 4 . 2 . 0			get it			
<hr/>							
TS 26.102	AMR speech Codec; Interface to lu and Uu						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William			NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>		
	SP-19 4 . 1 . 0				<i>remarks - this release:</i>		
<hr/>							
TS 26.103	Speech codec list for GSM and UMTS						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HELLWIG, Karl			Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	SP-10 21/12/2000 4 . 0 . 0			get it	<i>remarks - general:</i> New after TSG#5		
	SP-11 10/04/2001 4 . 1 . 0			get it	<i>remarks - this release:</i>		
	SP-14 09/01/2002 4 . 2 . 0			get it			
	SP-16 28/06/2002 4 . 3 . 0			get it			

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

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec						
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>							
	SP-10 21/12/2000	4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-12 27/06/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
	bug fix 29/06/2001	4 . 1 . 1		get it			
	SP-13 02/10/2001	4 . 2 . 0		get it			
	SP-15 28/03/2002	4 . 3 . 0		get it			
	SP-19	4 . 4 . 0					

TS 26.110	Codec for circuit switched multimedia telephony service; General description						
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>							
	SP-09 10/10/2000	4 . 0 . 0		get it	<i>remarks - general:</i>		
	SP-11 10/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		

TS 26.111	Codec for Circuit switched Multimedia Telephony Service; Modifications to H.324						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	ARONSON, Barry	TOSHIBA CO	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>							
	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i> CR at TSG#5		
					<i>remarks - this release:</i>		

TS 26.115	Echo control for speech and multi-media services						
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: U: yes		<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>							
	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> Derived from 26.914 R99.		

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.131	Terminal acoustic characteristics for telephony; Requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-17 24/09/2002 4 . 2 . 0	get it				
<hr/>						
TS 26.132	Narrow band (3,1 kHz) speech and video telephony terminal acoustic test specification					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian		TELLABS OPERATIONS INC.	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-15 28/03/2002 4 . 2 . 0	get it				
	SP-17 24/09/2002 4 . 3 . 0	get it				
<hr/>						
TS 26.233	End-to-end transparent streaming service; General description					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> 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				

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

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.234	Transparent end-to-end transparent streaming service; Protocols and codecs						
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	FRANCESCHI, Olle	Nippon Ericsson K.K.	
	<i>freeze_meeting:</i> SP-11	G:	U: yes	<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>							
draft	19/10/2000	0 . 0 . 1		get it	<i>remarks - general:</i>		
draft	26/10/2000	0 . 0 . 2		get it	<i>remarks - this release:</i>		
draft	02/11/2000	0 . 0 . 3		get it			
SP-10	21/12/2000	1 . 0 . 0	SP-000566	get it			
SP-11	10/04/2001	4 . 0 . 0		get it			
SP-13	02/10/2001	4 . 1 . 0		get it			
SP-14	09/01/2002	4 . 2 . 0		get it			
SP-15	28/03/2002	4 . 3 . 0		get it			
SP-16	28/06/2002	4 . 4 . 0		get it			
SP-18	03/01/2003	4 . 5 . 0		get it			

TR 26.901	AMR wideband speech codec; Feasibility study report						
Rel-4	<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> 4.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	HAAVISTO, Petri	Nokia Research Center	
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes	<i>MCC:</i>	USAI, Paolino		
<i>history (event, available, version,</i>							
SP-10	21/12/2000	4 . 0 . 0		get it	<i>remarks - general:</i>		
SP-11	10/04/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>		
SP-19		4 . 2 . 0					

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

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Server ACTIVE specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

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

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

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

TS 27.001 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Rel-4 *current version:* 4.9.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-08 28/06/2000 4 . 0 . 0 [get it](#) *remarks - general:*
NP-09 23/10/2000 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-10 04/01/2001 4 . 2 . 0 [get it](#)
NP-11 05/04/2001 4 . 3 . 0 [get it](#)
NP-12 04/07/2001 4 . 4 . 0 [get it](#)
NP-13 10/10/2001 4 . 5 . 0 [get it](#)
NP-14 11/01/2002 4 . 6 . 0 [get it](#)
NP-15 20/03/2002 4 . 7 . 0 [get it](#)
NP-17 17/09/2002 4 . 8 . 0 [get it](#)
NP-19 4 . 9 . 0

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 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
NP-09 (probably) 12/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

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

Rel-4 *current version:* 4.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* BOSWARTHICK, David
history (event, available, version,
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](#)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
TP-09 11/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
TP-11 11/04/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-12 04/07/2001 4 . 2 . 0 [get it](#)
TP-14 15/01/2002 4 . 3 . 0 [get it](#)
TP-15 04/04/2002 4 . 4 . 0 [get it](#)
TP-18 20/12/2002 4 . 5 . 0 [get it](#)
TP-19 4 . 6 . 0

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 27.010	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> 4.2.0	<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>				
	NP-17 17/09/2002	4 . 2 . 0		get it					

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>				

TR 27.903	Discussion of synchronization standards								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	LOCKHART, Rob	Motorola Inc.			
	<i>freeze_meeting:</i> SP-11	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>				
					<i>remarks - this release:</i>	TP-15: Not to be promoted to Rel-5.			

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http://www.3gpp.org/ftp/Specs/archive/27_series

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

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3
Rel-4 *current version:* 4.5.0 *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-11 *G: yes U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-09 18/10/2000 0 . 0 . 3 [get it](#) *remarks - this release:* TSG#11: Usai: may need 48.062. Later, no: applies to 3G too.
SP-10 21/12/2000 1 . 0 . 0 NP-000568 [get it](#)
draft 08/02/2001 1 . 1 . 0 [get it](#)
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-12 27/06/2001 4 . 1 . 0 [get it](#)
edito 01/10/2001 4 . 1 . 1 [get it](#)
SP-14 09/01/2002 4 . 2 . 0 [get it](#)
SP-15 28/03/2002 4 . 3 . 0 [get it](#)
SP-16 28/06/2002 4 . 4 . 0 [get it](#)
SP-18 03/01/2003 4 . 5 . 0 [get it](#)

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

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

Rel-4 current version: 4.11.0

freeze_meeting: SP-11

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-08	23/06/2000	4	.	0	.	0
edito	04/08/2000	4	.	0	.	1
edito	11/08/2000	4	.	0	.	2
NP-09	26/10/2000	4	.	1	.	0
NP-10	20/12/2000	4	.	2	.	0
edito	01/02/2001	4	.	2	.	1
NP-11	06/04/2001	4	.	3	.	0
NP-12	06/07/2001	4	.	4	.	0
edito	16/08/2001	4	.	4	.	1
NP-13	03/10/2001	4	.	5	.	0
NP-14	18/01/2002	4	.	6	.	0
NP-15	04/04/2002	4	.	7	.	0
NP-16	21/06/2002	4	.	8	.	0
NP-17	24/09/2002	4	.	9	.	0
NP-18	09/01/2003	4	.	10	.	0
NP-19		4	.	11	.	0

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

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: 4.7.0

freeze_meeting: SP-11

WG (prime / other): N3 / - rapporteur: KLEHN, Norbert SIEMENS AG

G: yes U: yes MCC: BOSWARTHICK, David

history (event, available, version,

NP-09	12/10/2000	4	.	0	.	0
NP-10	04/01/2001	4	.	1	.	0
NP-11	29/03/2001	4	.	2	.	0
NP-14	11/01/2002	4	.	3	.	0
NP-16	24/06/2002	4	.	4	.	0
NP-17	17/09/2002	4	.	5	.	0
NP-18	09/01/2003	4	.	6	.	0
NP-19		4	.	7	.	0

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

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TS 29.010	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Rel-4	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.5.0WG (prime / other):	N4	/ -	<i>rapporteur:</i>	KYMALAINEN, Kimmo			
	TeliaSonera AB								
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-11 30/03/2001	4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4 (transfer??)			
	NP-12 06/07/2001	4 . 1 . 0			get it	<i>remarks - this release:</i>			
	NP-14 11/01/2002	4 . 2 . 0			get it				
	NP-16 21/06/2002	4 . 3 . 0			get it				
	NP-17 18/09/2002	4 . 4 . 0			get it				
	NP-18 07/01/2003	4 . 5 . 0			get it				

TS 29.011	Signalling Interworking for Supplementary Services								
Rel-4	<i>current version:</i> 4.0.1	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i>			
	correct references 25/06/2002	4 . 0 . 1			get it	<i>remarks - this release:</i>			

TS 29.013	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
Rel-4	<i>current version:</i> 4.0.1	WG (prime / other):	N4	/ -	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	NP-11 04/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4			
	update references 24/06/2002	4 . 0 . 1			get it	<i>remarks - this release:</i>			

TS 29.016	Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification								
Rel-4	<i>current version:</i> 4.1.0	WG (prime / other):	N1	/ -	<i>rapporteur:</i>	MILLS, Duncan	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes	U: yes		MCC:	JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>								
	NP-11 06/04/2001	4 . 0 . 0			get it	<i>remarks - general:</i>			
	NP-16 26/06/2002	4 . 1 . 0			get it	<i>remarks - this release:</i>			

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TS 29.018	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification				
Rel-4	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		

TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
Rel-4	current version: 4.7.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: SP-11	G: yes U: yes	MCC: KYMALAINEN, Kimmo		
history (event, available, version,					
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		
NP-14	11/01/2002	4 . 3 . 0	get it		
NP-15	28/03/2002	4 . 4 . 0	get it		
NP-17	18/09/2002	4 . 5 . 0	get it		
NP-18	07/01/2003	4 . 6 . 0	get it		
NP-19		4 . 7 . 0			

TS 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)				
Rel-4	current version: 4.7.0	WG (prime / other): N3 / -	rapporteur: WILD, Johanna	MOTOROLA Ltd	
	freeze_meeting: SP-11	G: yes U: yes	MCC: BOSWARTHICK, David		
history (event, available, version,					
NP-11	06/04/2001	4 . 0 . 0	get it	remarks - general:	Former title: "General Packet Radio Service (GPRS); Interworking between the
NP-12	28/06/2001	4 . 1 . 0	get it	remarks - this release:	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		
NP-18	09/01/2003	4 . 6 . 0	get it		
NP-19		4 . 7 . 0			

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TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
Rel-4	<i>current version:</i> 4.8.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-11	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version,</i>					
NP-11	29/03/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
NP-12	03/07/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 3
NP-13	03/10/2001	4 . 2 . 0	get it		
NP-14	04/01/2002	4 . 3 . 0	get it		
NP-15	19/03/2002	4 . 4 . 0	get it		
NP-16	17/06/2002	4 . 5 . 0	get it		
NP-17	17/09/2002	4 . 6 . 0	get it		
NP-18	18/12/2002	4 . 7 . 0	get it		
NP-19		4 . 8 . 0			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
<i>history (event, available, version,</i>					
RP-11	06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
RP-13	12/10/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>	
RP-16	28/06/2002	4 . 2 . 0	get it		
RP-18	03/01/2003	4 . 3 . 0	get it		
RP-19		4 . 4 . 0			

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>	

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

Rel-4 *current version:* 4.3.1 *WG (prime / other):* N5 / *rapporteur:* MOERDIJK, Ard-Jan Telefon AB LM Ericsson
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
edito 20/03/2002 4 . 3 . 1 [get it](#)

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

Rel-4 *current version:* 4.5.0 *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](#)
NP-19 4 . 5 . 0

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

Rel-4 *current version:* 4.7.0 *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](#)
NP-17 01/10/2002 4 . 6 . 0 [get it](#)
NP-19 4 . 7 . 0

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

Rel-4 *current version:* 4.6.0 *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

edito 27/03/2001 1 . 0 . 1

NP-12 2 . 0 . 0

NP-12 29/06/2001 4 . 0 . 0

NP-13 12/10/2001 4 . 1 . 0

NP-14 08/01/2002 4 . 2 . 0

NP-15 20/03/2002 4 . 3 . 0

NP-16 05/07/2002 4 . 4 . 0

NP-17 01/10/2002 4 . 5 . 0

NP-19 4 . 6 . 0

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* ZOICAS, Adrian

freeze_meeting: NP-11

G: *U:* yes

MCC: ZOICAS, Adrian

history (event, available, version,

NP-11 27/03/2001 4 . 0 . 0

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

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

NP-14 08/01/2002 4 . 3 . 0

NP-15 20/03/2002 4 . 4 . 0

NP-17 01/10/2002 4 . 5 . 0

NP-19 4 . 6 . 0

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

[get it](#)

[get it](#)

[get it](#)

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* 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](#)
NP-19 4 . 5 . 0

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* N5 / *rapporteur:* 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](#)
NP-19 4 . 5 . 0

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
NP-11 27/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
NP-13 08/10/2001 4 . 2 . 0 [get it](#)
NP-14 08/01/2002 4 . 3 . 0 [get it](#)
NP-15 20/03/2002 4 . 4 . 0 [get it](#)
NP-17 01/10/2002 4 . 5 . 0 [get it](#)
NP-19 4 . 6 . 0

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

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* 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](#)
NP-19 4 . 4 . 0

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* N5 / *rapporteur:* 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](#)
NP-19 4 . 4 . 0

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N4 / *rapporteur:* ANGELO, Ciriaco Telefon AB LM Ericsson
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 *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](#)
NP-17 18/09/2002 4 . 2 . 0 [get it](#)
NP-18 07/01/2003 4 . 3 . 0 [get it](#)

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

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

TS 29.205	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
NP-12	04/07/2001	4	.	1	.	0
NP-13	03/10/2001	4	.	2	.	0
				get it	remarks - general:	
				get it	remarks - this release:	
				get it		

TS 29.232	Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3					
Rel-4	current version: 4.7.0	WG (prime / other):	N4 / -	rapporteur:	PARK, Ian David	VODAFONE LTD
	freeze_meeting: SP-11	G:	U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
history (event, available, version,						
NP-10	12/01/2001	1	.	0	.	0 NP-000652
NP-11	30/03/2001	4	.	0	.	0
NP-12	04/07/2001	4	.	1	.	0
NP-13	05/10/2001	4	.	2	.	0
NP-14	11/01/2002	4	.	3	.	0
NP-15	28/03/2002	4	.	4	.	0
NP-16	21/06/2002	4	.	5	.	0
NP-17	18/09/2002	4	.	6	.	0
NP-18	07/01/2003	4	.	7	.	0
				get it	remarks - general:	Additional rapporteur: Laura.Pomponi@CSELT.IT
				get it	remarks - this release:	
				get it		
				get it		
				get it		
				get it		
				get it		
				get it		

TS 29.414	Core network Nb data transport and transport signalling					
Rel-4	current version: 4.4.0	WG (prime / other):	N3 / -	rapporteur:	BELLING, Thomas	SIEMENS AG
	freeze_meeting: SP-11	G:	U: yes	MCC:	BOSWARTHICK, David	
history (event, available, version,						
NP-11	06/04/2001	4	.	0	.	0
NP-12	28/06/2001	4	.	1	.	0
NP-13	03/10/2001	4	.	2	.	0
NP-14	11/01/2002	4	.	3	.	0
NP-15	20/03/2002	4	.	4	.	0
				get it	remarks - general:	
				get it	remarks - this release:	
				get it		
				get it		

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

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

TS 29.415	Core network Nb interface user plane protocols								
Rel-4	current version: 4.3.0			WG (prime / other): N3 / -	rapporteur: SANDERS, David	VODAFONE Group Plc			
	freeze_meeting: SP-11			G: U: yes	MCC: BOSWARTHICK, David				
history (event, available, version,									
	NP-11 06/04/2001	4 . 0 . 0		get it	remarks - general:				
	NP-13 03/10/2001	4 . 1 . 0		get it	remarks - this release:				
	NP-14 11/01/2002	4 . 2 . 0		get it					
	NP-19	4 . 3 . 0							

TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
Rel-4	current version: 4.0.1			WG (prime / other): N1 / RP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-11			G: yes U: yes	MCC: JORGENSEN, Per Johan				
history (event, available, version,									
	NP-16 26/06/2002	4 . 0 . 0		get it	remarks - general:	2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to			
edito post	NP-18 16/12/2002	4 . 0 . 1	minor editorials to change style from TS to TR.	get it	remarks - this release:	. latest Release version.			

TR 29.998-01	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 1: General Issues on API Mapping								
Rel-4	current version: 4.0.0			WG (prime / other): N5 /	rapporteur: UNMEHOPA, Musa	Lucent Technologies Nederland B.V.			
	freeze_meeting: SP-11			G: U: yes	MCC: ZOICAS, Adrian				
history (event, available, version,									
	NP-11 02/04/2001	4 . 0 . 0		get it	remarks - general:				
					remarks - this release:				

TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 1: API to CAP Mapping								
Rel-4	current version: 4.2.0			WG (prime / other): N5 /	rapporteur: 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:				
	NP-12 29/06/2001	4 . 1 . 0		get it	remarks - this release:				
	NP-13 05/10/2001	4 . 2 . 0		get it					

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

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

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 26/03/2001 1 . 0 . 0 [get it](#) *remarks - general:*
edito 02/04/2001 1 . 0 . 1 [get it](#) *remarks - this release:*
NP-12 2 . 0 . 0
NP-12 29/06/2001 4 . 0 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-11 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
NP-11 02/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

Rel-4 30 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

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

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Server ACTIVE specs Rel-4 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.504 Work Plan and Study Items - RAN WG4

Rel-4 *current version:* 2.2.0 DRAFT 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](#)

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

Rel-4 *current version:* 4.0.2 WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-19 G: yes U: yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-19 4 . 0 . 2 Technically identical to 30.002 v4.0.1. *remarks - general:* NP-19: Number of TR 30.002 changed to avoid potential confusion with old SMG
remarks - this release: . 3.0x series.

Rel-4 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

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

Rel-4 *current version:* none WG (prime / other): T3 / - *rapporteur:* VIALLET, Sophie GEMPLUS Card International
freeze_meeting: TP-21 G: yes U: yes *MCC:* DIETZE, Claus
history (event, available, version,
remarks - general: Test spec for 23.048.
remarks - this release:

TS 31.101 UICC-terminal interface; Physical and logical characteristics

Rel-4 *current version:* 4.1.0 WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
freeze_meeting: SP-11 G: U: yes *MCC:* DIETZE, Claus
history (event, available, version,
TP-11 09/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
TP-18 02/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM Application

Rel-4 *current version:* 4.8.0
freeze_meeting: SP-11
history (event, available, version,

TP-11	09/04/2001	4	.	0	.	0	
TP-12	23/07/2001	4	.	1	.	0	get it <i>remarks - general:</i>
TP-13	11/10/2001	4	.	2	.	0	get it <i>remarks - this release:</i>
TP-14	17/01/2002	4	.	3	.	0	get it
TP-15	28/03/2002	4	.	4	.	0	get it
TP-16	28/06/2002	4	.	5	.	0	get it
TP-17	25/09/2002	4	.	6	.	0	get it
TP-18	02/01/2003	4	.	7	.	0	get it
TP-19		4	.	8	.	0	

)

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

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	late due to reversal of original T3 decision to scrap in favour of an ETSI SCP deliverable only	get it <i>remarks - general:</i> Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS 101 220.
TP-14	16/01/2002	4	.	1	.	0		get it <i>remarks - this release:</i>

)

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

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

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	USIM Application Toolkit (USAT)					
Rel-4	<i>current version:</i> 4.10.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-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			
	TP-17 18/09/2002	4 . 8 . 0	get it			
	TP-18 02/01/2003	4 . 9 . 0	get it			
	TP-19	4 . 10 . 0				

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 Test Systems 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> 4.4.0	<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>		
	TP-17 18/09/2002	4 . 2 . 0	get it			
	TP-18 02/01/2003	4 . 3 . 0	get it			
	TP-19	4 . 4 . 0				

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

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Server ACTIVE specs Rel-4 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 USIM conformance test specification

Rel-4 *current version:* none
freeze_meeting: SP-12
history (event, available, version,

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

ASPECTS Software Ltd

remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was
remarks - this release: split into two parts

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.101 Telecommunication management; Principles and high level requirements

Rel-4 *current version:* 4.2.1
freeze_meeting: SP-11
history (event, available, version,

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

MOTOROLA Ltd

SP-11 28/03/2001 4 . 0 . 0
edito 11/04/2001 4 . 0 . 1
SP-12 03/07/2001 4 . 1 . 0
SP-13 05/10/2001 4 . 2 . 0
edito 26/03/2002 4 . 2 . 1

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

TS 32.102 Telecommunication management; Architecture

Rel-4 *current version:* 4.3.0
freeze_meeting: SP-11
history (event, available, version,

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

Telia Mobile AB

SP-11 28/03/2001 4 . 0 . 0
SP-12 03/07/2001 4 . 1 . 0
SP-13 05/10/2001 4 . 2 . 0
SP-19 4 . 3 . 0

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

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

3GPP specification status

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Server ACTIVE specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
edito (layout and 07/01/2003 4 . 0 . 1 [get it](#) *remarks - this release:*
references)

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-14 11/01/2002 4 . 2 . 0 [get it](#)
SP-15 26/03/2002 4 . 3 . 0 [get it](#)
SP-17 18/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 4 . 6 . 0

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

Rel-4 *current version:* 4.6.0 *WG (prime / other):* S5 / - *rapporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 04/07/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-13 05/10/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 26/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
SP-17 20/09/2002 4 . 4 . 0 [get it](#)
SP-18 09/01/2003 4 . 5 . 0 [get it](#)
SP-19 4 . 6 . 0

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 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

Rel-4 *current version:* 4.5.0 *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-13 05/10/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#8: split into 4 parts
SP-14 11/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-15 26/03/2002 4 . 2 . 0 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
SP-18 09/01/2003 4 . 4 . 0 [get it](#)
SP-19 4 . 5 . 0

TS 32.200 Telecommunication management; Charging management; Charging principles

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rapporteur:* AHLBÄCK, Hans Telefon AB LM Ericsson
freeze_meeting: SP-14 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 18/06/2001 1 . 0 . 1 SP-010236 [get it](#) *remarks - general:*
SP-13 01/10/2001 2 . 0 . 0 SP-010464 [get it](#) *remarks - this release:* Had been indicated as approved at SP-12, but this was erroneous.
SP-13 05/10/2001 4 . 0 . 0 [get it](#)
SP-15 26/03/2002 4 . 1 . 0 [get it](#)
SP-16 20/06/2002 4 . 2 . 0 [get it](#)
SP-18 06/01/2003 4 . 3 . 0 [get it](#)
SP-19 4 . 4 . 0

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

Rel-4 *current version:* 4.4.0 *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 SP-010236 [get it](#) *remarks - this release:*
SP-13 26/09/2001 2 . 0 . 0 SP-010464 [get it](#)
SP-13 09/10/2001 4 . 0 . 0 [get it](#)
SP-15 26/03/2002 4 . 1 . 0 [get it](#)
edito post SP-15 27/03/2002 4 . 1 . 1 [get it](#)
SP-16 20/06/2002 4 . 2 . 0 [get it](#)
SP-18 09/01/2003 4 . 3 . 0 [get it](#)
SP-19 4 . 4 . 0

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

Rel-4 *current version:* 4.4.0 *WG (prime / other):* S5 / *rapporteur:* LEHNERT, Matthias ALCATEL S.A.
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 18/06/2001 1 . 0 . 1 SP-010236 [get it](#) *remarks - general:*
SP-13 01/10/2001 2 . 0 . 0 SP-010464 [get it](#) *remarks - this release:*
SP-13 09/10/2001 4 . 0 . 0 [get it](#)
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
SP-15 26/03/2002 4 . 2 . 0 [get it](#)
edito post SP-15 27/03/2002 4 . 2 . 1 [get it](#)
SP-16 20/06/2002 4 . 3 . 0 [get it](#)
SP-18 09/01/2003 4 . 4 . 0 [get it](#)

TS 32.235 Telecommunication management; Charging management; Charging data description for application services

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S5 / *rapporteur:* GOERMER, Gerald SIEMENS AG
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 18/06/2001 1 . 0 . 1 SP-010236 [get it](#) *remarks - general:*
SP-13 01/10/2001 2 . 0 . 0 SP-010464 [get it](#) *remarks - this release:* .
SP-13 08/10/2001 4 . 0 . 0 [get it](#)
SP-15 26/03/2002 4 . 1 . 0 [get it](#)
SP-16 20/06/2002 4 . 2 . 0 [get it](#)
SP-17 18/09/2002 4 . 3 . 0 [get it](#)
SP-18 07/01/2003 4 . 4 . 0 [get it](#)
SP-19 4 . 5 . 0

TS 32.300 Telecommunication management; Configuration Management (CM); Name convention for Managed Objects

Rel-4 *current version:* 4.1.1 *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 18/06/2001 2 . 0 . 0 SP-010283 [get it](#) *remarks - general:* Replaces 32.106-8 (pars)
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
edito post SP-18 13/01/2003 4 . 1 . 1 [get it](#)

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

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TS 32.301	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> SCHMIDT, Joerg		Motorola Inc.	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-1		
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
edito	26/03/2002	4 . 0 . 1	get it			
edito post	SP-18 13/01/2003	4 . 0 . 2	get it			

TS 32.302	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; Information Service					
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-2		
SP-12	04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
SP-14	11/01/2002	4 . 1 . 0	get it			
edito post	SP-18 13/01/2003	4 . 1 . 1	get it			

TS 32.303	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point; CORBA solution set					
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-3		
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
SP-13	05/10/2001	4 . 1 . 0	get it			
SP-15	26/03/2002	4 . 2 . 0	get it			
SP-17	19/09/2002	4 . 3 . 0	get it			
edito post	SP-17 01/10/2002	4 . 3 . 1	get it			
edito post	SP-18 13/01/2003	4 . 3 . 2	get it			
SP-19		4 . 4 . 0				

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					
Rel-4	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.301-4		
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	SP-13 05/10/2001	4 . 1 . 0	get it			
	SP-15 26/03/2002	4 . 2 . 0	get it			
edito post	SP-18 13/01/2003	4 . 2 . 1	get it			

TS 32.311	Telecommunication management; Generic Integration Reference Point (IRP) management; Requirements					
Rel-4	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-1		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
	edito 12/07/2001	4 . 0 . 1	get it			
edito post	SP-18 13/01/2003	4 . 0 . 2	get it			

TS 32.312	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TSE, Edwin		Ericsson Incorporated	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.112-2		
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .		
edito post	SP-18 13/01/2003	4 . 0 . 1	get it			

TS 32.401	Telecommunication management; Performance Management (PM); Concept and requirements					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> HÜBINETTE, Ulf		Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-13	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian			
<i>history (event, available, version,</i>						
	SP-12 20/06/2001	1 . 0 . 0	get it	<i>remarks - general:</i> was 32.104 (pars)		
	edito 27/06/2001	1 . 0 . 1	get it	<i>remarks - this release:</i> .		
	SP-13 11/10/2001	2 . 0 . 0	get it			SP-010467
	SP-13 05/10/2001	4 . 0 . 0	get it			
	SP-14 11/01/2002	4 . 1 . 0	get it			
	SP-17 18/09/2002	4 . 2 . 0	get it			

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

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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> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOCHE, Christian		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 20/06/2001	1 . 0 . 2	get it	<i>remarks - general:</i> was 32.104 (pars)	
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		
	SP-15 26/03/2002	4 . 2 . 0	get it		
editorial clean up	20/06/2002	4 . 2 . 1	get it		
	SP-19	4 . 3 . 0			

TS 32.600	Telecommunication management; Configuration Management (CM); Concept and high-level requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 18/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> Replaces 32.106 (pars).	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	

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 service				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> WILBER, John		
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-2	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		

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TS 32.603	Telecommunication management; Configuration Management (CM); Basic Configuration Management Integration Reference Point (IRP): CORBA solution set				
Rel-4	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-3	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		
	SP-15 27/03/2002	4 . 2 . 0	get it		
	SP-16 20/06/2002	4 . 3 . 0	get it		
post SP-16	04/07/2002	4 . 3 . 1	get it		
correction of cover page					

TS 32.604	Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP) Common Management Information Protocol (CMIP) solution set				
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.601-4	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
	SP-13 05/10/2001	4 . 1 . 0	get it		
	SP-14 11/01/2002	4 . 2 . 0	get it		

TS 32.611	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-12	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.602-1	
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	

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

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TS 32.612	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Information service								
Rel-4	<i>current version:</i> 4.4.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2	.	0	.	0		get it	<i>remarks - general:</i> was 32.602-2
	SP-12 04/07/2001	4	.	0	.	0		get it	<i>remarks - this release:</i> .
	SP-13 05/10/2001	4	.	1	.	0		get it	
	SP-16 21/06/2002	4	.	2	.	0		get it	
	SP-17 27/09/2002	4	.	3	.	0		get it	
	SP-18 07/01/2003	4	.	4	.	0		get it	
<hr/>									
TS 32.613	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Object Request Broker Architecture (CORBA) solution								
Rel-4	<i>current version:</i> 4.4.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> PIRT, Trevor		MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2	.	0	.	0		get it	<i>remarks - general:</i> was 32.602-3
	SP-12 04/07/2001	4	.	0	.	0		get it	<i>remarks - this release:</i> .
	SP-14 11/01/2002	4	.	1	.	0		get it	
	SP-16 21/06/2002	4	.	2	.	0		get it	
	SP-17 27/09/2002	4	.	3	.	0		get it	
	SP-18 07/01/2003	4	.	4	.	0		get it	
<hr/>									
TS 32.614	Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Common Management Information Protocol (CMIP) solution set								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf		SIEMENS AG		
	<i>freeze_meeting:</i> SP-12			<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-12 21/06/2001	2	.	0	.	0		get it	<i>remarks - general:</i> was 32.602-4
	SP-12 03/07/2001	4	.	0	.	0		get it	<i>remarks - this release:</i> .
	SP-13 05/10/2001	4	.	1	.	0		get it	
	SP-16 21/06/2002	4	.	2	.	0		get it	
	SP-18 07/01/2003	4	.	3	.	0		get it	

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TS 32.615 Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); eXtensible Markup Language (XML) file format definition

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / *rapporteur:* BONNEAU, Frédéric NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.602-5
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)

TS 32.621 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

TS 32.622 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.3.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.620-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
SP-15 27/03/2002 4 . 2 . 0 [get it](#)
SP-16 28/06/2002 4 . 3 . 0 [get it](#)

TS 32.623 Telecommunication management; Configuration Management (CM); Generic network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.3.0 *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](#)
SP-19 4 . 3 . 0

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TS 32.624	Telecommunication management; Configuration Management (CM); Generic network resources: Integration Reference Point (IRP) CMIP solution set				
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.620-4	
SP-12	04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-13	05/10/2001	4 . 1 . 0	get it		
SP-14	11/01/2002	4 . 2 . 0	get it		
SP-15	27/03/2002	4 . 3 . 0	get it		
SP-16	28/06/2002	4 . 4 . 0	get it		

TS 32.631	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): requirements				
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd	
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-1	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	

TS 32.632	Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): Network Resource Model (NRM)				
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-2	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-14	11/01/2002	4 . 1 . 0	get it		
SP-16	28/06/2002	4 . 2 . 0	get it		
SP-19		4 . 3 . 0			

TS 32.633	Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CORBA solution set				
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG	
	<i>freeze_meeting:</i> SP-12	G: yes U: yes	<i>MCC:</i> ZOICAS, Adrian		
<i>history (event, available, version,</i>					
SP-12	21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i> was 32.621-3	
SP-12	03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i> .	
SP-16	28/06/2002	4 . 1 . 0	get it		

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

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Server ACTIVE specs Rel-4 32 .- series
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TS 32.634 Telecommunication management; Configuration Management (CM); Core network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.1 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.621-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)
edito after SP-17 18/09/2002 4 . 1 . 1 [get it](#)

TS 32.641 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-1
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .

TS 32.642 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)

Rel-4 *current version:* 4.2.0 *WG (prime / other):* S5 / - *rapporteur:* PETERSEN, Robert Ericsson AB
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-2
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-16 28/06/2002 4 . 1 . 0 [get it](#)
SP-17 27/09/2002 4 . 2 . 0 [get it](#)

TS 32.643 Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-12 *G:* U: yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.622-3
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-14 11/01/2002 4 . 1 . 0 [get it](#)

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

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

TS 32.644	Telecommunication management; Configuration Management (CM); UTRAN network resources Integration Reference Point (IRP): CMIP solution set								
Rel-4	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG					
	<i>freeze_meeting:</i> SP-12	G: U: yes	MCC:	ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.622-4				
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>					
	SP-13 05/10/2001	4 . 1 . 0	get it						
edito post	SP-17 18/09/2002	4 . 1 . 1	get it						
<hr/>									
TS 32.651	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd					
	<i>freeze_meeting:</i> SP-12	G: yes U:	MCC:	ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.623-1				
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>	.				
<hr/>									
TS 32.652	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): Network Resource Model (NRM)								
Rel-4	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PETERSEN, Robert	Ericsson AB					
	<i>freeze_meeting:</i> SP-12	G: yes U:	MCC:	ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.623-2				
	SP-12 03/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>	.				
	SP-13 05/10/2001	4 . 1 . 0	get it						
	SP-14 11/01/2002	4 . 2 . 0	get it						
	SP-16 28/06/2002	4 . 3 . 0	get it						
	SP-17 27/09/2002	4 . 4 . 0	get it						
<hr/>									
TS 32.653	Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CORBA solution set								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-12	G: yes U:	MCC:	ZOICAS, Adrian					
<i>history (event, available, version,</i>									
	SP-12 21/06/2001	2 . 0 . 0	get it	<i>remarks - general:</i>	was 32.623-3				
	SP-12 04/07/2001	4 . 0 . 0	get it	<i>remarks - this release:</i>	.				
	SP-14 11/01/2002	4 . 1 . 0	get it						

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

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TS 32.654 Telecommunication management; Configuration Management (CM); GERAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* 4.1.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-12 *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 21/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* was 32.623-4
SP-12 03/07/2001 4 . 0 . 0 [get it](#) *remarks - this release:* .
SP-13 05/10/2001 4 . 1 . 0 [get it](#)

TR 32.800 Telecommunication management; Management level procedures and interaction with UTRAN

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S5 / *rapporteur:* BODEN, Bert Vodafone D2 GmbH
freeze_meeting: SP-12 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
draft 31/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 17/01/2001 0 . 0 . 3 NP-010239 (!) [get it](#) *remarks - this release:* .
SP-12 18/06/2001 1 . 0 . 0 SP-010233 (for approval!) [get it](#)
SP-12 03/07/2001 4 . 0 . 0 [get it](#)

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.102 3G security; Security architecture

Rel-4 *current version:* 4.5.0 *WG (prime / other):* S3 / - *rapporteur:* BLOMMAERT, Marc SIEMENS ATEA NV
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 30/03/2001 4 . 0 . 0 [get it](#) *remarks - general:*
SP-12 04/07/2001 4 . 1 . 0 [get it](#) *remarks - this release:*
SP-13 03/10/2001 4 . 2 . 0 [get it](#)
SP-14 07/01/2002 4 . 3 . 0 [get it](#)
SP-16 19/06/2002 4 . 4 . 0 [get it](#)
SP-18 18/12/2002 4 . 5 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.103	3G security; Integration guidelines					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLANCHARD, Colin	BT Group Plc		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
	SP-13 03/10/2001 4 . 2 . 0	get it				
TS 33.105	Cryptographic Algorithm requirements					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-12 04/07/2001 4 . 1 . 0	get it	<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
TS 33.106	Lawful interception requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
	SP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
TS 33.107	3G security; Lawful interception architecture and functions					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
	SP-11 04/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-13 03/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	SP-14 07/01/2002 4 . 2 . 0	get it				
	SP-15 26/03/2002 4 . 3 . 0	get it				
TS 33.120	Security Objectives and Principles					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice			
<i>history (event, available, version,</i>						
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			

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

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.200	3G Security; Network Domain Security (NDS); Mobile Application Part (MAP) application layer security							
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> ESCOTT, Adrian	3				
	<i>freeze_meeting:</i> SP-12	G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>							
	draft 26/06/2001	1 . 0 . 1	get it	<i>remarks - general:</i>	2001-05-24: title grows MAP; see 33.210 for IP equivalent.			
	SA-12	2 . 0 . 0		<i>remarks - this release:</i>				
	SP-12 04/07/2001	4 . 0 . 0	get it					
	SP-13 03/10/2001	4 . 1 . 0	get it					
	SP-14 07/01/2002	4 . 2 . 0	get it					
	SP-15 26/03/2002	4 . 3 . 0	get it					
	SP-010322, ed notes in SP-010347							
TR 33.901	Criteria for cryptographic Algorithm design process							
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> BLOM, Rolf	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>							
	SP-11 03/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i>				
				<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.			
TR 33.902	Formal Analysis of the 3G Authentication Protocol							
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> HORN, Guenther	SIEMENS AG				
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>							
	SP-11 03/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i>				
				<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.			
TR 33.903	Access Security for IP based services							
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> VACANT,					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>							
				<i>remarks - general:</i>				
				<i>remarks - this release:</i>	.			
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms							
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc				
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>							
	SP-11 03/10/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	TSG#7: S3-000105=NP-000049			
				<i>remarks - this release:</i>	SP-15: Not to be promoted to Rel-5.			

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

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Server ACTIVE specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.909 3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions
Rel-4 *current version:* 4.0.1 *WG (prime / other):* S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
freeze_meeting: SP-11 *G:* U: yes *MCC:* POPE, Maurice
history (event, available, version,
SP-11 04/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
correct misprint in 23/07/2001 4 . 0 . 1 [get it](#) *remarks - this release:* SP-15: Not to be promoted to Rel-5.
spec number

Rel-4 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.108 Common test environments for User Equipment (UE) conformance testing
Rel-4 *current version:* 4.6.0 *WG (prime / other):* T1 / - *rapporteur:* CHALABI, Nouhman Anite Telecoms Ltd.
freeze_meeting: SP-13 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-13 08/10/2001 4 . 0 . 0 [get it](#) *remarks - general:*
TP-14 09/01/2002 4 . 1 . 0 [get it](#) *remarks - this release:*
TP-15 20/03/2002 4 . 2 . 0 [get it](#)
edito post TP-15 26/03/2002 4 . 2 . 1 [get it](#)
TP-16 17/06/2002 4 . 3 . 0 [get it](#)
TP-17 11/09/2002 4 . 4 . 0 [get it](#)
TP-18 18/12/2002 4 . 5 . 0 [get it](#)
TP-19 4 . 6 . 0

TS 34.109 Terminal logical test interface; Special conformance testing functions
Rel-4 *current version:* 4.5.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-11 *G:* U: yes *MCC:* ARZELIER, Claude
history (event, available, version,
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](#)
RP-18 13/01/2003 4 . 4 . 0 [get it](#)
RP-19 4 . 5 . 0

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 34.121 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:* 4.7.0 *WG (prime / other):* T1 / - *rapporteur:* MAUCKSCH, Thomas ROHDE & SCHWARZ GmbH & Co.KG
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,

TP-12 03/07/2001 4 . 0 . 0
TP-13 03/10/2001 4 . 1 . 0
TP-14 09/01/2002 4 . 2 . 0
TP-15 21/03/2002 4 . 3 . 0
TP-16 17/06/2002 4 . 4 . 0
TP-17 05/09/2002 4 . 5 . 0
TP-18 18/12/2002 4 . 6 . 0
TP-19 4 . 7 . 0

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

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,

TP-13 03/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 20/03/2002 4 . 2 . 0
TP-16 19/06/2002 4 . 3 . 0

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

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

Rel-4 *current version:* 4.3.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-13 *G:* *U:* yes *MCC:* SALMERON, Lidia
history (event, available, version,

TP-13 04/10/2001 4 . 0 . 0
TP-14 09/01/2002 4 . 1 . 0
TP-15 21/03/2002 4 . 2 . 0
TP-16 19/06/2002 4 . 3 . 0

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

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 34.123-3 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:* 4.2.0 *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
RP-18 10/01/2003 4 . 1 . 0 [get it](#) *remarks - this release:*
RP-19 4 . 2 . 0

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:*

TR 34.926 Table of international EMC requirements

Rel-4 *current version:* 4.0.0 *WG (prime / other):* R4 / - *rapporteur:* FENN, John B SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,
TP-09 06/10/2000 1 . 0 . 0 [get it](#) *remarks - general:* Plan approved TSG#7 TP-000036). T1->R4@TSG#10
RP-10 09/01/2001 4 . 0 . 0 [get it](#) *remarks - this release:*

Rel-4 35 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

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

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications								
Rel-4	<i>current version:</i> 4.1.0	<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 28/08/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence				
	SP-14 07/01/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>					
TS 35.202	Specification of the 3GPP confidentiality and integrity algorithms; Document 2: Kasumi algorithm specification								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc					
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> POPE, Maurice						
<i>history (event, available, version,</i>									
	SP-11 28/08/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence				
				<i>remarks - this release:</i>					
TS 35.203	Specification of the 3GPP confidentiality and integrity algorithms; Document 3: Implementors' test data								
Rel-4	<i>current version:</i> 4.0.0	<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 28/08/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence				
				<i>remarks - this release:</i>					
TS 35.204	Specification of the 3GPP confidentiality and integrity algorithms; Document 4: Design conformance test data								
Rel-4	<i>current version:</i> 4.0.0	<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 28/08/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence				
				<i>remarks - this release:</i>					
TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	<i>current version:</i> Document 1: General	4.0.0	<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 09/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>	ex SAGE. 2002-06: clarified that deliverable is TS not TR.				
				<i>remarks - this release:</i>	TSG#11:changed to Rel-4.				

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

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Server ACTIVE specs Rel-4 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	<i>current version:</i> Document 2: Algorithm specification	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</i>								
	SP-11 09/05/2001 4 . 0 . 0			get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> TSG#11:changed to Rel-4			
<hr/>									
TS 35.207	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	<i>current version:</i> Document 3: Implementors' test data	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</i>								
	SP-11 09/05/2001 4 . 0 . 0			get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> TSG#11:changed to Rel-4			
<hr/>									
TS 35.208	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	<i>current version:</i> Document 4: Design conformance test data	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</i>								
	SP-11 09/05/2001 4 . 0 . 0			get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> TSG#11:changed to Rel-4			
<hr/>									
TR 35.909	3G Security; Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;								
Rel-4	<i>current version:</i> Document 5: Summary and results of design and evaluation	4.0.0	<i>WG (prime / other):</i>	S3	/-	<i>rapporteur:</i>	WALKER, Michael		
VODAFONE Group Plc									
	<i>freeze_meeting:</i> SP-11		G:	U: yes		MCC:	POPE, Maurice		
	<i>history (event, available, version,</i>								
	SP-11 09/05/2001 4 . 0 . 0			get it	<i>remarks - general:</i> ex SAGE	<i>remarks - this release:</i> TSG#11:Formerly 35.209 Rel-99 (but never made available)			

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

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http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.031	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-11					
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TR 41.033	Lawful Interception requirements for GSM					
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0		<i>remarks - general:</i>			
	edito 02/05/2001 4 . 0 . 1	get it	<i>remarks - this release:</i>			
<hr/>						
TS 41.061	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-11 10/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.			
<hr/>						
TS 41.102	Technical Specifications and Technical Reports for a GERAN-based 3GPP system					
Rel-4	<i>current version:</i> 4.7.0	<i>WG (prime / other):</i> SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	SP-10 11/04/2001 1 . 0 . 1		<i>remarks - general:</i> Né 41.001; renumbered at TSG#10. Post-SP-19: title changed to align with 01.01.			
	SP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - this release:</i>			
	SP-12 05/07/2001 4 . 1 . 0	get it				
	SP-13 01/10/2001 4 . 2 . 0	get it				
	SP-14 03/01/2002 4 . 3 . 0	get it				
	SP-15 27/03/2002 4 . 4 . 0	get it				
	SP-16 19/06/2002 4 . 5 . 0	get it				
	post SP-16 25/06/2002 4 . 5 . 1	get it				
	editorial					
	SP-17 18/09/2002 4 . 6 . 0	get it				
	SP-18 03/01/2003 4 . 7 . 0	get it				

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Rel-4 42 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.009	Security Aspects								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON,	Telia Promotor AB				
	<i>freeze_meeting:</i> SP-11			NP	Per				
			<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>								
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i> SP-15: Not to be promoted to Rel-5.				
<hr/>									
TS 42.017	Subscriber Identity Module (SIM); Functional characteristics								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> T3 / S1	<i>rapporteur:</i> HOOKER, Philip	ORANGE PCS LTD				
	<i>freeze_meeting:</i> SP-11			<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>						
	TP-11 09/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 42.019	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1								
Rel-4	<i>current version:</i> 4.0.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A				
	<i>freeze_meeting:</i> SP-11			<i>MCC:</i> DIETZE, Claus					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>						
	TP-12 06/07/2001 4 . 0 . 0			get it	<i>remarks - general:</i> TP-17: From Rel-6, transferred to ETSI TS 102 240.				
					<i>remarks - this release:</i> .				
<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			<i>MCC:</i> POPE, Maurice					
	<i>history (event, available, version,</i>		<i>G: yes U:</i>						
	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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Server ACTIVE specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.043	Support of Localised Service Area (SoLSA); Service description; Stage 1								
Rel-4	<i>current version:</i> 4.0.0	<i>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>						
<hr/>									
TS 42.068	Voice Group Call Service (VGCS); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-08 23/06/2000 4 . 0 . 0 32,304	get it	<i>remarks - general:</i>						
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>						
	SP-10 08/01/2001 4 . 1 . 0	get it							
<hr/>									
TS 42.069	Voice Broadcast Service (VBS); Stage 1								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	SP-08 23/06/2000 4 . 0 . 0	get it	<i>remarks - general:</i>						
	edito 24/10/2000 4 . 0 . 1	get it	<i>remarks - this release:</i>						
	SP-10 08/01/2001 4 . 1 . 0	get it							

Rel-4 43 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

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TR 43.005	Technical performance objectives					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> NP / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-11 11/04/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
TS 43.010	GSM Public Land Mobile Network (PLMN) connection types					
Rel-4	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	NP-10 08/01/2001 4 . 0 . 0	get it	<i>remarks - general:</i>			
	NP-11 06/04/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	NP-17 17/09/2002 4 . 2 . 0	get it				
TS 43.013	Discontinuous Reception (DRX) in the GSM system					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.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>			
TS 43.019	Subscriber Identity Module Application Programming Interface (SIM API) for Java Card; Stage 2					
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-11 23/10/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	For test spec, see 51.013.		
	TP-14 17/01/2002 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	TP-16 25/06/2002 4 . 2 . 0	get it				
	TP-17 27/09/2002 4 . 3 . 0	get it				
TS 43.020	Security-related network functions					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> GILBERT, Henri	France Telecom		
	<i>freeze_meeting:</i> SP-11	GP	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>	G: yes U:				
	SP-09 04/11/2000 4 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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

Rel-4 *current version:* 4.5.0 *WG (prime / other):* G1 / N1 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* MCC: USAI, Paolino

history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:* Moved from SMG3 Jan 2000.
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-02 24/11/2000 4 . 1 . 0 [get it](#)
edito 30/11/2000 4 . 1 . 1 [get it](#)
GP-03 15/02/2001 4 . 2 . 0 [get it](#)
GP-05 05/10/2001 4 . 3 . 0 [get it](#)
GP-10 19/07/2002 4 . 4 . 0 [get it](#)
GP-11 19/09/2002 4 . 5 . 0 [get it](#)

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

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
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:*
re-issue as TR 31/07/2002 4 . 0 . 1 [get it](#) *remarks - this release:*
(not TS) as per
03.26

TR 43.030 Radio network planning aspects

Rel-4 *current version:* 4.0.1 *WG (prime / other):* G1 / - *rapporteur:* TEGTH, Ulf TeliaSonera AB
freeze_meeting: SP-11 *G: yes U:* MCC: USAI, Paolino

history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
some refs revert 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
to pre-Rel-4 GSM
format

TS 43.033 Lawful Interception; Stage 2

Rel-4 *current version:* 4.0.0 *WG (prime / other):* S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
freeze_meeting: SP-11 *G: yes U:* MCC: POPE, Maurice

history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs Rel-4 43 .- series
http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.045	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>
TS 43.050	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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>
TS 43.055	Dual Transfer Mode (DTM); Stage 2					
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G1 / G2	<i>rapporteur:</i> CARRIZO MARTINEZ, Jose Luis	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	GP-04 11/04/2001 4 . 0 . 0				get it	<i>remarks - general:</i>
	GP-05 29/06/2001 4 . 1 . 0				get it	<i>remarks - this release:</i>
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>

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http://www.3gpp.org/ftp/Specs/archive/43_series

TS 43.059 Functional stage 2 description of Location Services (LCS) in GERAN

Rel-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
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 TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* SP-16: derived from 23.073 on reversion to GERAN-only service.
remarks - this release: .

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

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

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-11

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
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>	G: yes U:	<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	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-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>	G: yes U:	<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>	G: yes U:	<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> 4.0.1	<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>	G: yes U:	<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)			
	edito 17/12/2002 4 . 0 . 1	get it	<i>remarks - this release:</i> TSG#11: Replaces 24.012 for Rel-4 on.			

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.013 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:* 4.13.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
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](#)
GP-11 16/09/2002 4 . 11 . 0 [get it](#)
GP-12 17/12/2002 4 . 12 . 0 [get it](#)
GP-13 21/02/2003 4 . 13 . 0 [get it](#)

G = required in systems with GERAN 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 44.021	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Rel-4	current version: 4.1.0	WG (prime / other):	N3 / -	rapporteur:	RÄSÄNEN, Juha	NOKIA Corporation			
	freeze_meeting: SP-11	G: yes	U:	MCC:	BOSWARTHICK, David				
history (event, available, version,									
	NP-10 21/12/2000	4	. 0 . 0	get it	remarks - general:				
	NP-17 19/09/2002	4	. 1 . 0	get it	remarks - this release:				

TS 44.031	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)								
Rel-4	current version: 4.6.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: GP-04	G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,									
	GP-04 04/05/2001	4	. 0 . 0	get it	remarks - general:				
	GP-05 18/06/2001	4	. 1 . 0	get it	remarks - this release:				
	GP-06 14/09/2001	4	. 2 . 0	get it					
	GP-07 08/01/2002	4	. 3 . 0	get it					
	GP-08 19/02/2002	4	. 4 . 0	get it					
	GP-09 02/05/2002	4	. 5 . 0	get it					
	GP-10 19/07/2002	4	. 6 . 0	get it					

TS 44.035	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods								
Rel-4	current version: 4.1.0	WG (prime / other):	G2 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: GP-04	G: yes	U:	MCC:	THOMASEN, Gert				
history (event, available, version,									
	GP-04 04/05/2001	4	. 0 . 0	get it	remarks - general:				
	GP-07 08/01/2002	4	. 1 . 0	get it	remarks - this release:				

TS 44.056	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification								
Rel-4	current version: 4.0.0	WG (prime / other):	N1 / -	rapporteur:	HUPPERICH, Peter	ALCATEL S.A.			
	freeze_meeting: SP-11	G: yes	U:	MCC:	JORGENSEN, Per Johan				
history (event, available, version,									
	NP-11 11/04/2001	4	. 0 . 0	get it	remarks - general:				
					remarks - this release:				

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

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Server ACTIVE specs Rel-4 44 .- series
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TS 44.057 GSM Cordless Telephony System (CTS), (Phase 1) CTS CTS supervising system Layer 3 Specification

Rel-4 *current version:* 4.0.0 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0

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

TS 44.060 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G2 / *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: GP-04 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,
GP-03 31/01/2001 4 . 0 . 0 [get it](#) *remarks - general:* General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System
GP-04 04/05/2001 4 . 1 . 0 [get it](#) *remarks - this release:* (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol
GP-05 18/06/2001 4 . 2 . 0 [get it](#)
GP-06 14/09/2001 4 . 3 . 0 [get it](#)
GP-07 09/01/2002 4 . 4 . 0 [get it](#)
GP-08 19/02/2002 4 . 5 . 0 [get it](#)
GP-09 03/05/2002 4 . 6 . 0 [get it](#)
edito post GP-09 28/05/2002 4 . 6 . 1 [get it](#)
GP-10 19/07/2002 4 . 7 . 0 [get it](#)
GP-11 16/09/2002 4 . 8 . 0 [get it](#)
GP-12 17/12/2002 4 . 9 . 0 [get it](#)
GP-13 21/02/2003 4 . 10 . 0 [get it](#)

TS 44.064 Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) Layer Specification

Rel-4 *current version:* 4.3.0 *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:*
NP-12 29/06/2001 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](#)

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 44.065	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> DOIG, Ian	MOTOROLA S.A.S			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-10 02/01/2001 4 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.			
	NP-13 02/10/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-15 19/03/2002 4 . 2 . 0	get it					
<hr/>							
TS 44.068	Group Call Control (GCC) Protocol						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	conversion to 06/09/2000 4 . 0 . 0	get it	<i>remarks - general:</i>				
	3GPP format		<i>remarks - this release:</i>				
	NP-09 12/10/2000 4 . 1 . 0	get it					
	edito 24/10/2000 4 . 1 . 1	get it					
	NP-12 29/06/2001 4 . 2 . 0	get it					
	NP-16 19/06/2002 4 . 3 . 0	get it					
<hr/>							
TS 44.069	Broadcast Call Control (BCC) protocol						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>						
	NP-08 23/06/2000 4 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-09 12/10/2000 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	edito 24/10/2000 4 . 1 . 1	get it					
	NP-12 29/06/2001 4 . 2 . 0	get it					
	NP-16 19/06/2002 4 . 3 . 0	get it					
<hr/>							
TS 44.071	Location Services (LCS); Mobile radio interface layer 3 LCS specification						
Rel-4	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>						
	GP-04 04/05/2001 4 . 0 . 0	get it	<i>remarks - general:</i>				
	GP-05 18/06/2001 4 . 1 . 0	get it	<i>remarks - this release:</i>				
	GP-07 08/01/2002 4 . 2 . 0	get it					
	GP-10 19/07/2002 4 . 3 . 0	get it					

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

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Server ACTIVE specs Rel-4 44 .- series
http://www.3gpp.org/ftp/Specs/archive/44_series

Rel-4 45 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.001 Physical layer on the radio path; General description

Rel-4 *current version:* 4.1.0 *freeze_meeting:* SP-11
history (event, available, version,
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](#)

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino

TS 45.002 Multiplexing and Multiple Access on the Radio Path

Rel-4 *current version:* 4.6.0 *freeze_meeting:* SP-11
history (event, available, version,
GP-01 10/10/2000 4 . 0 . 0 [get it](#) *remarks - general:*
edito 24/10/2000 4 . 0 . 1 [get it](#) *remarks - this release:*
GP-02 24/11/2000 4 . 1 . 0 [get it](#)
edito 30/11/2000 4 . 1 . 1 [get it](#)
GP-03 15/01/2001 4 . 2 . 0 [get it](#)
edito 27/02/2001 4 . 2 . 1 [get it](#)
GP-04 20/04/2001 4 . 3 . 0 [get it](#)
GP-06 01/10/2001 4 . 4 . 0 [get it](#)
GP-07 04/01/2002 4 . 5 . 0 [get it](#)
GP-13 21/02/2003 4 . 6 . 0 [get it](#)

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

TS 45.003 Channel coding

Rel-4 *current version:* 4.1.0 *freeze_meeting:* SP-11
history (event, available, version,
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:*

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
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 Rel-4 45 .- series
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TS 45.004 Modulation

Rel-4 *current version:* 4.2.0

freeze_meeting: SP-11

history (event, available, version,

GP-04 18/06/2001 4 . 0 . 0

GP-05 29/06/2001 4 . 1 . 0

GP-07 04/01/2002 4 . 2 . 0

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

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

NOKIA Corporation

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

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

[get it](#)

TS 45.005 Radio transmission and reception

Rel-4 *current version:* 4.10.0

freeze_meeting: SP-11

history (event, available, version,

GP-01 10/10/2000 4 . 0 . 0

edito 24/10/2000 4 . 0 . 1

GP-02 24/11/2000 4 . 1 . 0

edito 30/11/2000 4 . 1 . 1

GP-03 15/02/2001 4 . 2 . 0

GP-04 20/04/2001 4 . 3 . 0

GP-05 29/06/2001 4 . 4 . 0

GP-06 01/10/2001 4 . 5 . 0

GP-07 04/01/2002 4 . 6 . 0

GP-09 06/05/2002 4 . 7 . 0

GP-10 19/07/2002 4 . 8 . 0

GP-11 19/09/2002 4 . 9 . 0

GP-13 21/02/2003 4 . 10 . 0

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

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

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

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

[get it](#)

[get it](#)

[get it](#)

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

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.008	Radio subsystem link control					
Rel-4	current version: 4.9.0	WG (prime / other):	G1 / -	rapporteur:	EL-SAIGH, Amer	VODAFONE Group Plc
	freeze_meeting: SP-11	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	GP-01 01/09/2000	4 . 0 . 0	get it	remarks - general:		
	GP-02 24/11/2000	4 . 1 . 0	get it	remarks - this release:		
	edito 30/11/2000	4 . 1 . 1	get it			
	GP-03 15/02/2001	4 . 2 . 0	get it			
	GP-04 20/04/2001	4 . 3 . 0	get it			
	GP-05 29/06/2001	4 . 4 . 0	get it			
	GP-06 01/10/2001	4 . 5 . 0	get it			
	GP-07 04/01/2002	4 . 6 . 0	get it			
	GP-08 18/02/2002	4 . 7 . 0	get it			
	GP-09 06/05/2002	4 . 8 . 0	get it			
	GP-10 19/07/2002	4 . 9 . 0	get it			

TS 45.009	Link adaptation					
Rel-4	current version: 4.2.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-11	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	GP-02 06/02/2001	4 . 0 . 0	get it	remarks - general:		
	GP-06 01/10/2001	4 . 1 . 0	get it	remarks - this release:		
	GP-07 04/01/2002	4 . 2 . 0	get it			

TS 45.010	Radio subsystem synchronization					
Rel-4	current version: 4.4.0	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-04 20/04/2001	4 . 0 . 0	get it	remarks - general:		
	GP-07 04/01/2002	4 . 1 . 0	get it	remarks - this release:		
	GP-08 19/02/2002	4 . 2 . 0	get it			
	GP-10 19/07/2002	4 . 3 . 0	get it			
	GP-13 21/02/2003	4 . 4 . 0	get it			

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

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Server ACTIVE specs Rel-4 45 .- series
http://www.3gpp.org/ftp/Specs/archive/45_series

TR 45.022 Radio link management in hierarchical networks

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

WG (prime / other): G1 / - *rapporteur:* VAN BUSSEL, Han
G: yes U: *MCC:* USAI, Paolino

T-MOBILE DEUTSCHLAND

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

TR 45.050 Background for RF Requirements

Rel-4 *current version:* 4.0.1
freeze_meeting: SP-11
history (event, available, version,
GP-04 11/04/2001 4 . 0 . 0
make figures 01/08/2001 4 . 0 . 1
legible

WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* USAI, Paolino
Peter Skov

MOTOROLA A/S

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

TS 45.056 CTS-FP Radio Sub-system

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

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

Telecom Italia Lab S.p.A.

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

Telecom Italia Lab S.p.A.

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

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 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino	MOTOROLA Ltd	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 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino	MOTOROLA Ltd	get it remarks - general: remarks - this release:
TS 46.007	Half Rate Speech: Test Sequence 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 / - G: yes U:	rapporteur: AFTELAK, Steve MCC: USAI, Paolino	MOTOROLA Ltd	get it remarks - general: remarks - this release:
TR 46.008	Half Rate Speech; Performance Characterization of the 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 / - G: yes U:	rapporteur: SALEM, Tarek MCC: USAI, Paolino	T-MOBILE DEUTSCHLAND	get it remarks - general: remarks - this release:
TS 46.010	Full-rate speech transcoding	Rel-4 current version: 4.1.0 freeze_meeting: SP-11 history (event, available, version, SP-11 10/04/2001 4 . 0 . 0 SP-12 29/06/2001 4 . 1 . 0	WG (prime / other): S4 / - G: yes U:	rapporteur: LORENZ, Dietmar MCC: USAI, Paolino	PHILIPS Semiconductors	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 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.011	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Rel-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>
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>
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>
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>
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>

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

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.031	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
TS 46.041	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.053	ANSI-C code for the GSM Enhanced full rate speech codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.054	Test sequences for the GSM Enhanced Full Rate (EFR)					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TR 46.055	Performance characterisation of the GSM EFR Speech Codec					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.060	Enhanced full rate speech transcoding					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>
<hr/>						
TS 46.061	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>	SP-11 10/04/2001 4 . 0 . 0			get it	<i>remarks - general:</i>	<i>remarks - this release:</i>

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Server ACTIVE specs Rel-4 46 .- series
http://www.3gpp.org/ftp/Specs/archive/46_series

TS 46.062	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels								
Rel-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	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 46.076	Adaptive Multi-Rate (AMR) speech codec; Study phase report								
Rel-4	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
	fix invisible 10/01/2002	4 . 0 . 1		get it	<i>remarks - this release:</i>				
<hr/>									
TS 46.081	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 46.082	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TR 46.085	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation								
Rel-4	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
<i>history (event, available, version,</i>	SP-11 10/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									

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Server ACTIVE 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 48.001 General Aspects on the BSS-MSC Interface

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

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

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

Rel-4 *current version:* 4.2.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0
GP-05 18/06/2001 4 . 1 . 0
GP-07 08/01/2002 4 . 2 . 0

Rel-5 CR undone. Effectively reverts
to 4.0.0

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

TS 48.004 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

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

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

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-04

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

history (event, available, version,
GP-04 04/05/2001 4 . 0 . 0

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.008	Mobile Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Rel-4	<i>current version:</i> 4.8.0	<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>						
08.08 to 3G	11/08/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
GP-01	11/10/2000	4 . 1 . 0	get it	<i>remarks - this release:</i>		
edito	24/10/2000	4 . 1 . 1	get it			
GP-02	11/01/2001	4 . 2 . 0	get it			
GP-03	31/01/2001	4 . 3 . 0	get it			
GP-04	04/05/2001	4 . 4 . 0	get it			
GP-06	14/09/2001	4 . 5 . 0	get it			
GP-07	08/01/2002	4 . 6 . 0	get it			
GP-08	19/02/2002	4 . 7 . 0	get it			
GP-10	19/07/2002	4 . 8 . 0	get it			

TS 48.014	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1					
Rel-4	<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 48.016	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service					
Rel-4	<i>current version:</i> 4.2.0	<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-02	17/11/2000	4 . 0 . 0	get it	<i>remarks - general:</i>		
GP-04	04/05/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>		
edito	07/06/2001	4 . 1 . 1	get it			
GP-06	14/09/2001	4 . 2 . 0	get it			

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

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Server ACTIVE specs Rel-4 48 .- series
http://www.3gpp.org/ftp/Specs/archive/48_series

TS 48.018	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
Rel-4	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>									
	GP-02 17/11/2000	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-03 31/01/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					
	GP-04 04/05/2001	4 . 2 . 0	get it						
	GP-05 18/06/2001	4 . 3 . 0	get it						
	edito 29/06/2001	4 . 3 . 1	get it						
	GP-06 10/09/2001	4 . 4 . 0	get it						
	GP-09 06/05/2002	4 . 5 . 0	get it						

TS 48.020	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
<i>history (event, available, version,</i>									
	NP-11 06/04/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	NP-17 19/09/2002	4 . 1 . 0	get it	<i>remarks - this release:</i>					

TS 48.031	Location Services LCS: Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification								
Rel-4	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> GP-04	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>									
	GP-04 04/05/2001	4 . 0 . 0	get it	<i>remarks - general:</i>					
	GP-05 18/06/2001	4 . 1 . 0	get it	<i>remarks - this release:</i>					

TS 48.051	Base Station Controller - Base 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:	<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>					

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 48.052	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	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
	<i>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>				
		get it <i>remarks - this release:</i>				
<hr/>						
TS 48.056	Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification					
Rel-4	<i>current version:</i> 4.0.0 <i>freeze_meeting:</i> GP-04	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels Peter Skov		MOTOROLA A/S	
	<i>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>				
		get it <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 / - *rporteur:* 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 *rporteur:* 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 / - *rporteur:* 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:* KYMALAINEN, Kimmo TeliaSonera AB
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:* 4.1.0 *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:*
NP-19 4 . 1 . 0

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:* PETER SKOV, 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

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

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:*

Rel-4 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 *current version:* 4.10.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-11 NP /
T2 /
SCP
/ G4
G: yes U: *MCC:* SALMERON, Lidia
history (event, available, version,
conversion from 01/08/2000 4 . 0 . 1 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
11.10-1 v9.0.1 *remarks - this release:* #32:9.0.0 MCC-converted Aug00:4.0.1
edito 24/10/2000 4 . 0 . 2 [get it](#)
GP-02 01/12/2000 4 . 1 . 0 [get it](#)
edito to correct 01/12/2000 4 . 1 . 1 [get it](#)
Release
edito 17/01/2001 4 . 1 . 2 [get it](#)
GP-03 22/01/2001 4 . 2 . 0 [get it](#)
GP-04 11/04/2001 4 . 3 . 0 [get it](#)
GP-05 05/06/2001 4 . 4 . 0 [get it](#)
GP-06 31/08/2001 4 . 5 . 0 [get it](#)
GP-07 09/01/2002 4 . 6 . 0 [get it](#)
GP-08 26/02/2002 4 . 7 . 0 [get it](#)
GP-09 03/05/2002 4 . 8 . 0 [get it](#)
GP-10 19/07/2002 4 . 9 . 0 [get it](#)
GP-11 20/09/2002 4 . 10 . 0 [get it](#)

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

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

Rel-4 *current version:* 4.7.0 *WG (prime / other):* G5 / S1 / *rapporteur:* HU, Shicheng ETSI Secretariat

freeze_meeting: SP-14

NP /
T2 /
SCP
/ G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

GP-02		1	.	0	.	0
GP-04	11/04/2001	4	.	0	.	0
GP-05	05/06/2001	4	.	1	.	0
GP-06	31/08/2001	4	.	2	.	0
GP-07	09/01/2002	4	.	3	.	0
GP-07 minor	18/01/2002	4	.	3	.	1
editorial						
GP-08	26/02/2002	4	.	4	.	0
GP-09	29/04/2002	4	.	5	.	0
GP-10	03/07/2002	4	.	6	.	0
GP-11	19/09/2002	4	.	7	.	0

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

remarks - this release:

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

TS 51.010-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Rel-4 *current version:* 4.7.0 *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,

GP-01	06/09/2000	4	.	0	.	0
edito	24/10/2000	4	.	0	.	1
GP-02	30/11/2000	4	.	1	.	0
GP-05	28/06/2001	4	.	2	.	0
GP-06	14/09/2001	4	.	3	.	0
GP-07	21/01/2002	4	.	4	.	0
GP-08	19/02/2002	4	.	5	.	0
GP-09	29/04/2002	4	.	6	.	0
GP-10	19/07/2002	4	.	7	.	0

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

remarks - this release:

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

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

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Server ACTIVE specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011	Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface								
Rel-4	<i>current version:</i> 4.7.0			<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> GUTHERY, Scott B.	Mobile-Mind Inc.			
	<i>freeze_meeting:</i> SP-11			<i>G: yes U:</i>	<i>MCC:</i> DIETZE, Claus				
<i>history (event, available, version,</i>									
TP-11	09/04/2001	4 . 0 . 0		get it	<i>remarks - general:</i>	TP-14: talk of changing title to "Characteristics of the SIM application".			
TP-12	06/07/2001	4 . 1 . 0		get it	<i>remarks - this release:</i>	TP-14: At TP-11 it was decided that there would be no need for a Rel-5 version, since by then all terminals will handle a common USIM. But the question still seems			
TP-13	11/10/2001	4 . 2 . 0		get it		to be open. TP-14: settled: there WILL be a Rel-5! TP-16: Rel-5 version			
TP-14	17/01/2002	4 . 3 . 0		get it					
TP-16	25/06/2002	4 . 4 . 0		get it					
TP-17	18/09/2002	4 . 5 . 0		get it					
TP-18	02/01/2003	4 . 6 . 0		get it					
TP-19		4 . 7 . 0							

TS 51.013	Test specification for SIM API for Java card								
Rel-4	<i>current version:</i> 4.0.0			<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	TP-020128	get it	<i>remarks - general:</i>				
TP-17	23/09/2002	2 . 0 . 0	TP-020220. Doc has been created without CRs and with no Change History beyond 11,13 v7.4.1. So NOT approved. Will be done TP-18 as a conventional CR. TP-18: no CR; anticipate at TP-19.	get it	<i>remarks - this release:</i>	TP-15: New WI approved in TP-020029.			
TP-19		4 . 0 . 0	Created with CR to 11.13 R99						

TS 51.021	GSM radio aspects base station system equipment specification								
Rel-4	<i>current version:</i> 4.3.0			<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> BUSIN, Ake	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-13			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
<i>history (event, available, version,</i>									
GP-07	11/01/2002	4 . 0 . 0		get it	<i>remarks - general:</i>				
GP-10	19/07/2002	4 . 1 . 0		get it	<i>remarks - this release:</i>	.			
GP-12	03/01/2003	4 . 2 . 0		get it					
GP-13	21/02/2003	4 . 3 . 0		get it					

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 51.026 GSM Repeater Equipment Specification

Rel-4 *current version:* 4.0.0
freeze_meeting: SP-13
history (event, available, version,
post-GP-07 23/01/2002 4 . 0 . 0

WG (prime / other): G3 / - *rapporteur:* BUSIN, Ake
G: yes U: *MCC:* USAI, Paolino

Telefon AB LM Ericsson

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

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

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

Rel-4 *current version:* 4.0.0
freeze_meeting: GP-09
history (event, available, version,
GP-09 06/05/2002 4 . 0 . 0

WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Michael
G: yes U: *MCC:* USAI, Paolino

MOTOROLA Ltd

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

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

Rel-4 *current version:* 4.1.0
freeze_meeting: SP-13
history (event, available, version,
SP-13 05/10/2001 4 . 0 . 0 formerly 32.402
SP-16 20/06/2002 4 . 1 . 0

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

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:* SP-13: replaces 32.402.
[get it](#) *remarks - this release:* .

R99

R99 **01** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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Server ACTIVE specs R99 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R99	<i>current version:</i> 8.9.0		WG (<i>prime / other</i>):	SP / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		G: yes U:		MCC: POPE, Maurice	
<i>history (event, available, version,</i>						
	draft	01/08/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
	draft	01/08/1999	0 . 0 . 1	get it	<i>remarks - this release:</i>	backwards extension to earlier releases.
	mods to draft	01/09/1999	0 . 0 . 2	get it		
	more mods	07/09/1999	0 . 0 . 3	get it		
	WOME cmts	15/09/1999	0 . 1 . 0	get it		
	included					
	Becomes T2/smg4	21/09/1999	0 . 2 . 0	get it		
	responsibility					
	draft	04/08/2000	0 . 3 . 0	get it		
	editorials	01/10/1999	0 . 3 . 0	get it		
	align with 21.101	07/10/1999	0 . 4 . 0	get it		
	smg-30	11/11/1999	1 . 0 . 0	get it		
	align with 21.101	30/11/1999	1 . 1 . 0	get it	Alignment with 21.101: 1.1.0.	
	smg-31 bis		2 . 0 . 0			
	smg-32	20/06/2000	8 . 0 . 0	get it		
	SP-10	04/01/2001	8 . 1 . 0	get it		
	SP-12	05/07/2001	8 . 2 . 0	get it		
	SP-13	01/10/2001	8 . 3 . 0	get it		
	SP-14	03/01/2002	8 . 4 . 0	get it		
	SP-15	27/03/2002	8 . 5 . 0	get it		
	SP-16	19/06/2002	8 . 6 . 0	get it		
	SP-17	18/09/2002	8 . 7 . 0	get it		
	SP-18	03/01/2003	8 . 8 . 0	get it		
	SP-19		8 . 9 . 0			

TR 01.04 Abbreviations and acronyms

R99	<i>current version:</i> 8.0.0		WG (<i>prime / other</i>):	GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-06		G: yes U:		MCC: USAI, Paolino	
<i>history (event, available, version,</i>						
	upgrade to R99	10/05/2000	8 . 0 . 0	get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	.

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ACTIVE specs R99 01.-series
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 One
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: .

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 Per
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:
<hr/>									
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!
<hr/>									
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: .
<hr/>									
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
<hr/>									
TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1								
R99	current version: 8.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd			
	freeze_meeting: SP-06	G: yes U:		MCC:	DIETZE, Claus				
	history (event, available, version, Upgrade to R99 17/05/2000 8 . 0 . 0							get it	remarks - general: SMG9->T3@#31 remarks - this release: .

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

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Server ACTIVE specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1					
R99	current version: 8.0.1	WG (prime / other): S4 /	rapporteur: NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	upgrade to R99 16/11/2000 8 . 0 . 0	get it	remarks - general: SMG11->S4 at SMG#30			
	ETSI publication 20/07/2001 8 . 0 . 1	get it	remarks - this release: Nov-00: Created to fill the gap.			
TS 02.56	GSM Cordless Telephony System (CTS), Phase 1; Service description; Stage 1					
R99	current version: 8.0.1	WG (prime / other): S1 / -	rapporteur: GALLIGO, Michel	ALCATEL S.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	Upgrade to R99 01/05/2000 8 . 0 . 0	get it	remarks - general:			
	ETSI publication 17/10/2000 8 . 0 . 1	get it	remarks - this release: .			
TS 02.68	Voice Group Call Service (VGCS); Stage 1					
R99	current version: 8.1.0	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	smg-31 30/11/2000 8 . 0 . 0	get it	remarks - general:			
	SP-10 12/01/2001 8 . 1 . 0	get it	remarks - this release:			
TS 02.69	Voice Broadcast Service (VBS); Stage 1					
R99	current version: 8.1.0	WG (prime / other): S1 / -	rapporteur: GILES, Les	Union Internationale des Chemins de Fer		
	freeze_meeting: SP-06	G: yes U:	MCC: CLAYTON, Michael			
	history (event, available, version,					
	Upgrade to R99 10/05/2000 8 . 0 . 0	get it	remarks - general:			
	ETSI publication 17/10/2000 8 . 0 . 1	get it	remarks - this release: . TSG#10:8.1.0			
	SP-10 12/01/2001 8 . 1 . 0	get it				
TS 02.76	Noise Suppression for the AMR					
R99	current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 2 . 0 . 0		remarks - general:			
	SP-07 17/03/2000 8 . 0 . 0	get it	remarks - this release:			
	ETSI publication 30/07/2002 8 . 0 . 1	get it				
	(not for 3GPP server)					
	ETSI publication only - 3GPP use 8.0.0					

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

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.94 Follow Me Service description; Stage 1
R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 1 . 0 . 0 *remarks - general:*
smg-30 11/11/1999 8 . 0 . 0 [get it](#) *remarks - this release:* #28: 1.0.0 #30: 8.0.0 August 2001: still debating whether this is GSM-only or

TS 02.95 Support of Private Numbering Plan (SPNP); Service description; Stage 1
R99 *current version:* 8.0.0 *WG (prime / other):* S1 / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
SP-07 17/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.05 Technical performance objectives
R99 *current version:* 8.0.0 *WG (prime / other):* NP / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 03.10 GSM Public Land Mobile Network (PLMN) Connection Types
R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 18/10/2000 8 . 2 . 0 [get it](#)
NP-10 21/12/2000 8 . 3 . 0 [get it](#)

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 29/03/2000 8 . 0 . 0

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

Telecom Italia Lab S.p.A.

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

TS 03.19 GSM API for SIM toolkit stage 2

R99 *current version:* 8.5.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 27/07/2001 8 . 0 . 0
TP-11 27/07/2001 8 . 1 . 0
TP-12 27/07/2001 8 . 2 . 0
TP-14 17/01/2002 8 . 3 . 0
TP-16 19/06/2002 8 . 4 . 0
editorial post 14/08/2002 8 . 4 . 1
TP-16
TP-17 27/09/2002 8 . 5 . 0

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

SchlumbergerSema - Schlumberger Systèmes S.A

[get it](#) *remarks - general:* SMG9->T3@#31
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R99 *current version:* 8.1.0
freeze_meeting: SP-06
history (event, available, version,
smg-30 24/11/1999 8 . 0 . 0
smg-32 20/06/2000 8 . 1 . 0

WG (prime / other): S3 / NP / *rapporteur:* NGUYEN NGOC,
GP Sebastien
G: yes U: *MCC:* POPE, Maurice

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 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	current version: 8.7.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06				Peter Skov	
		G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-29 30/06/1999	8 . 0 . 0	get it	remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and	
	smg-30 11/11/1999	8 . 1 . 0	get it	remarks - this release:	group receive mode".	
	smg-30b 06/12/1999	8 . 2 . 0	get it			
	smg-31 16/02/2000	8 . 3 . 0	get it			
	GP-03 15/02/2001	8 . 4 . 0	get it			
	GP-05 29/06/2001	8 . 5 . 0	get it			
	GP-10 19/07/2002	8 . 6 . 0	get it			
	GP-11 19/09/2002	8 . 7 . 0	get it			

TR 03.26	Multiband operation of GSM/DCS 1800 by a single operator					
R99	current version: 8.0.0	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,					
	Upgrade to R99 29/03/2000	8 . 0 . 0	get it	remarks - general:		
				remarks - this release:	.	

TR 03.30	Radio Network Planning Aspects					
R99	current version: 8.3.0	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TeliaSonera AB
	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:	#29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0	
	smg-30 bis 06/12/1999	8 . 2 . 0	get it			
	smg-31 16/02/2000	8 . 3 . 0	get it			

TS 03.33	Lawful Interception; Stage 2					
R99	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	

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 03.45 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 publication 8 . 0 . 1 ETSI format only. Not for 3GPP use. *remarks - this release:*

TS 03.48 Security mechanisms for SIM application toolkit; Stage 2

R99 *current version:* 8.8.0 *WG (prime / other):* T3 / - *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:* SMG9->T3@#31
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-31 16/02/2000 8 . 2 . 0 [get it](#)
TP-08 28/06/2000 8 . 3 . 0 [get it](#)
TP-09 18/10/2000 8 . 4 . 0 [get it](#)
TP-11 09/04/2001 8 . 5 . 0 [get it](#)
TP-12 06/07/2001 8 . 6 . 0 [get it](#)
TP-13 12/10/2001 8 . 7 . 0 [get it](#)
TP-14 17/01/2002 8 . 8 . 0 [get it](#)

TS 03.50 Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System

R99 *current version:* 8.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
Upgrade to R99 29/03/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 22/09/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #32:8.1.0
smg-32 20/06/2000 8 . 1 . 0 [get it](#)
ETSI publication 29/11/2000 8 . 1 . 1 [get it](#)

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
R99	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
	ETSI publication 29/09/2000	8	.	0	.	1
		get it		remarks - general:		
		get it		remarks - this release:		
<hr/>						
TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2					
R99	current version: 8.0.0	WG (prime / other):	S4 / NP /	rapporteur:	FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06		S2			
	history (event, available, version,	G: yes	U:	MCC:	USAI, Paolino	
	Upgrade to R99 30/03/2000	8	.	0	.	0
		get it		remarks - general:	Mar00: prime responsibility txfrd to SMG11	
				remarks - this release:		
<hr/>						
TS 03.55	Dual Transfer Mode (DTM); Stage 2					
R99	current version: 8.0.0	WG (prime / other):	G1 / G2	rapporteur:	CARRIZO MARTINEZ,	VODAFONE Group Plc
	freeze_meeting: SP-06				Jose Luis	
	history (event, available, version,	G: yes	U:	MCC:	USAI, Paolino	
	GP-02 05/01/2001	8	.	0	.	0
		get it		remarks - general:		
				remarks - this release:	GERAN#2: 8.0.0	
<hr/>						
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)					
R99	current version: 8.0.0	WG (prime / other):	S4 / -	rapporteur:	MONFORT, Jean-Yves	France Telecom
	freeze_meeting: SP-06	G: yes	U:	MCC:	USAI, Paolino	
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8	.	0	.	0
		get it		remarks - general:		
				remarks - this release:		

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R99 *current version:* 8.10.0 *WG (prime / other):* G1 / - *rapporteur:* LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 09/10/2000 8 . 6 . 0 [get it](#)
GP-03 15/02/2001 8 . 7 . 0 [get it](#)
GP-04 20/04/2001 8 . 8 . 0 [get it](#)
GP-07 04/01/2002 8 . 9 . 0 [get it](#)
GP-08 19/02/2002 8 . 10 . 0 [get it](#)

TS 03.68 Voice Group Call Service (VGCS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
NP-07 17/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:* #31: 8.0.0 TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32 20/06/2000 8 . 2 . 0 [get it](#)

TS 03.69 Voice Broadcast service (VBS); Stage 2

R99 *current version:* 8.2.0 *WG (prime / other):* N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
NP-07 17/03/2000 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#7: 8.1.0 #32:8.2.0 TSG#8:8.2.0
smg-32 20/06/2000 8 . 2 . 0 [get it](#)

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

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Server ACTIVE specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.71 Location Services (LCS); Functional description; Stage 2

R99 *current version:* 8.7.0
freeze_meeting: SP-06
history (event, available, version,
Upgrade to R99 30/06/2000 8 . 0 . 0
SP-11 11/04/2001 8 . 1 . 0
SP-12 29/06/2001 8 . 2 . 0
SP-13 15/10/2001 8 . 3 . 0
SP-14 07/01/2002 8 . 4 . 0
SP-15 02/04/2002 8 . 5 . 0
SP-16 17/06/2002 8 . 6 . 0
SP-17 24/09/2002 8 . 7 . 0

WG (prime / other): S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
G: yes U: *MCC:* YOON, Sang-Ui

[get it](#) *remarks - general:*
remarks - this release: Need identified at TSG#7, since 23.171 does not cover GSM.

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R99 *current version:* 8.0.0
freeze_meeting: SP-16
history (event, available, version,
SP-16 24/06/2002 8 . 0 . 0 technically identical to 23.073 v3.0.1

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

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.
remarks - this release: SP-16: 23.073 reverts to GERAN-only.

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R99 *current version:* 8.0.0
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0

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

[get it](#) *remarks - general:*
remarks - this release: #31: 8.0.0

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

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Server ACTIVE specs R99 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities					
R99	current version: 8.0.2	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		

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 04.08	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				
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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TS 04.18 Mobile radio interface layer 3 specification; Radio Resource Control Protocol

R99 *current version:* 8.18.0 *WG (prime / other):* G2 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0	get it	<i>remarks - general:</i>
smg-30	11/11/1999	8	.	1	.	0	get it	<i>remarks - this release:</i>
smg-30 bis	06/12/1999	8	.	2	.	0	get it	
smg-31	16/02/2000	8	.	3	.	0	get it	
ETSI publication	05/10/2000	8	.	3	.	1	get it	
smg-31 bis	17/04/2000	8	.	4	.	0	get it	
ETSI publication	17/10/2000	8	.	4	.	1	get it	
smg-32	20/06/2000	8	.	5	.	0	get it	
GP-01	11/10/2000	8	.	6	.	0	get it	
GP-02	21/12/2000	8	.	7	.	0	get it	
GP-03	31/01/2001	8	.	8	.	0	get it	
GP-04	04/05/2001	8	.	9	.	0	get it	
GP-05	18/06/2001	8	.	10	.	0	get it	
GP-06	10/09/2001	8	.	11	.	0	get it	
GP-07	08/01/2002	8	.	12	.	0	get it	
GP-08	19/02/2002	8	.	13	.	0	get it	
GP-09	02/05/2002	8	.	14	.	0	get it	
GP-10	19/07/2002	8	.	15	.	0	get it	
GP-11	16/09/2002	8	.	16	.	0	get it	
GP-12	17/12/2002	8	.	17	.	0	get it	
GP-13	21/02/2003	8	.	18	.	0	get it	

TS 04.21 Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface

R99 *current version:* 8.3.0 *WG (prime / other):* N3 / - *rapporteur:* RÄSÄNEN, Juha NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0	get it	<i>remarks - general:</i>
NP-08	28/06/2000	8	.	1	.	0	get it	<i>remarks - this release:</i> #29: 8.0.0 TSG#8:8.1.0 TSG#9:8.2.0 TSG#10:8.3.0
NP-09	18/10/2000	8	.	2	.	0	get it	
NP-10	21/12/2000	8	.	3	.	0	get it	

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

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.31	Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP)					
R99	current version: 8.10.0	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general:		
	smg-31 bis 17/04/2000	8 . 1 . 0	get it	remarks - this release:		
	GP-02 30/11/2000	8 . 2 . 0	get it			
	GP-03 31/01/2001	8 . 3 . 0	get it			
	GP-04 04/05/2001	8 . 4 . 0	get it			
	GP-05 18/06/2001	8 . 5 . 0	get it			
	GP-06 14/09/2001	8 . 6 . 0	get it			
	GP-07 08/01/2002	8 . 7 . 0	get it			
	GP-08 19/02/2002	8 . 8 . 0	get it			
	GP-09 02/05/2002	8 . 9 . 0	get it			
	GP-10 19/07/2002	8 . 10 . 0	get it			
<hr/>						
TS 04.35	Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods					
R99	current version: 8.4.1	WG (prime / other): G2 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: SP-06	G: yes U:	MCC: THOMASEN, Gert			
	history (event, available, version,					
	Upgrade to R99 30/03/2000	8 . 0 . 0	get it	remarks - general:		
	smg-31 bis 17/04/2000	8 . 1 . 0	get it	remarks - this release:		
	GP-01 11/10/2000	8 . 2 . 0	get it			
	GP-03 31/01/2001	8 . 3 . 0	get it			
	GP-07 08/01/2002	8 . 4 . 0	get it			
	edito 17/06/2002	8 . 4 . 1	get it			
<hr/>						
TS 04.56	GSM Cordless Telephony System (CTS), (Phase 1) CTS Radio Interface Layer 3 Specification					
R99	current version: 8.0.1	WG (prime / other): N1 / -	rapporteur: HUPPERICH, Peter	ALCATEL S.A.		
	freeze_meeting: SP-06	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-31 16/02/2000	8 . 0 . 0	get it	remarks - general:		
	ETSI publication 29/08/2000	8 . 0 . 1	get it	remarks - this release: #31: 8.0.0		

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

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.57 GSM Cordless Telephony System (CTS), (Phase 1) CTS supervising system Layer 3 Specification

R99 *current version:* 8.0.1 *WG (prime / other):* N1 / - *rapporteur:* HUPPERICH, Peter ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 29/08/2000 8 . 0 . 1 [get it](#) *remarks - this release:* #31: 8.0.0

TS 04.60 General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control/ Medium Access Control (RLC/MAC) protocol

R99 *current version:* 8.17.0 *WG (prime / other):* G2 / - *rapporteur:* BLACK, Jyoti MOTOROLA
freeze_meeting: SP-06 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-30 bis 06/12/1999 8 . 2 . 0 [get it](#)
smg-31 16/02/2000 8 . 3 . 0 [get it](#)
ETSI publication 05/10/2000 8 . 3 . 1 [get it](#)
smg-31 bis 17/04/2000 8 . 4 . 0 [get it](#)
ETSI publication 17/10/2000 8 . 4 . 1 [get it](#)
smg-32 20/06/2000 8 . 5 . 0 [get it](#)
GP-01 11/10/2000 8 . 6 . 0 [get it](#)
GP-02 27/11/2000 8 . 7 . 0 [get it](#)
GP-03 31/01/2001 8 . 8 . 0 [get it](#)
GP-04 04/05/2001 8 . 9 . 0 [get it](#)
GP-05 29/06/2001 8 . 10 . 0 [get it](#)
GP-06 14/09/2001 8 . 11 . 0 [get it](#)
GP-07 07/01/2002 8 . 12 . 0 [get it](#)
edito 08/01/2002 8 . 12 . 1 [get it](#)
GP-08 19/02/2002 8 . 13 . 0 [get it](#)
GP-09 03/05/2002 8 . 14 . 0 [get it](#)
edito post GP-09 28/05/2002 8 . 14 . 1 [get it](#)
GP-10 19/07/2002 8 . 15 . 0 [get it](#)
GP-11 16/09/2002 8 . 16 . 0 [get it](#)
GP-12 17/12/2002 8 . 17 . 0 [get it](#)

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

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TS 04.64	General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification				
R99	<i>current version:</i> 8.7.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 30/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	Post SP-06 17/12/1999 8 . 2 . 0	get it			
	smg-31 16/02/2000 8 . 3 . 0	get it			
	NP-08 22/06/2000 8 . 4 . 0	get it			
	NP-09 12/10/2000 8 . 5 . 0	get it			
	NP-10 02/01/2001 8 . 6 . 0	get it			
	NP-14 04/01/2002 8 . 7 . 0	get it			

TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>	24.065 existed, but scrapped since 04.65 is GSM only.	
	NP-09 12/10/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-13 02/10/2001 8 . 2 . 0	get it			

TS 04.68	Group Call Control (GCC) Protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-07 17/03/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		

TS 04.69	Broadcast Call Control (BCC) protocol				
R99	<i>current version:</i> 8.1.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	NP-07 17/03/2000 8 . 1 . 0	get it	<i>remarks - this release:</i>		

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

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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

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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

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 1

smg-30 11/11/1999 8 . 1 . 0

smg-30 bis 06/12/1999 8 . 2 . 0

smg-31 16/02/2000 8 . 3 . 0

smg-31 bis 17/04/2000 8 . 4 . 0

ETSI publication 8 . 4 . 1

smg-32 20/06/2000 8 . 5 . 0

ETSI publication 8 . 5 . 1

GP-01 09/10/2000 8 . 6 . 0

GP-02 24/11/2000 8 . 7 . 0

GP-03 15/02/2001 8 . 8 . 0

GP-04 20/04/2001 8 . 9 . 0

GP-06 01/10/2001 8 . 10 . 0

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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

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

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TS 05.03 Channel coding

R99 current version: 8.6.1

freeze_meeting: SP-06

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

smg-30 11/11/1999 8 . 1 . 0

smg-30 bis 06/12/1999 8 . 2 . 0

smg-31 16/02/2000 8 . 3 . 0

smg-31 bis 17/04/2000 8 . 4 . 0

ETSI publication 17/10/2000 8 . 4 . 1

smg-32 20/06/2000 8 . 5 . 0

GP-02 24/11/2000 8 . 6 . 0

edito 15/02/2001 8 . 6 . 1

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

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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[get it](#) remarks - this release: #29: 8.0.0 #30: 8.1.0 #30b: 8.2.0 #31:8.3.0 #31b:8.3.0 #32:8.5.0 GERAN#2:8.6.0

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TS 05.04 Modulation

R99 current version: 8.4.0

freeze_meeting: SP-06

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

NOKIA Corporation

G: yes U: MCC: USAI, Paolino

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

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

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TS 05.05 Radio Transmission and Reception

R99 current version: 8.14.0

freeze_meeting: SP-06

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

G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29 30/06/1999 8 . 0 . 0

smg-30 11/11/1999 8 . 1 . 0

smg-30 bis 06/12/1999 8 . 2 . 0

smg-31 16/02/2000 8 . 3 . 0

ETSI publication 29/09/2000 8 . 3 . 1

smg-31 bis 17/04/2000 8 . 4 . 0

smg-32 20/06/2000 8 . 5 . 0

GP-01 10/10/2000 8 . 6 . 0

GP-02 24/11/2000 8 . 7 . 0

edito 30/11/2000 8 . 7 . 1

GP-03 15/02/2001 8 . 8 . 0

GP-04 20/04/2001 8 . 9 . 0

GP-05 29/06/2001 8 . 10 . 0

GP-06 01/10/2001 8 . 11 . 0

GP-09 06/05/2002 8 . 12 . 0

GP-10 19/07/2002 8 . 13 . 0

GP-11 19/09/2002 8 . 14 . 0

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

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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

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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

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

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

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http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.10	Radio subsystem synchronization					
R99	current version: 8.11.0	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-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 16/02/1999	8 . 2 . 0		get it		
	ETSI publication 29/09/2000	8 . 2 . 1		get it		
	smg-31 bis 17/04/2000	8 . 3 . 0		get it		
	smg-32 20/06/2000	8 . 4 . 0		get it		
	GP-01 10/10/2000	8 . 5 . 0		get it		
	GP-02 24/11/2000	8 . 6 . 0		get it		
	edito 30/11/2000	8 . 6 . 1		get it		
	GP-03 15/02/2001	8 . 7 . 0		get it		
	GP-04 20/04/2001	8 . 8 . 0		get it		
	GP-08 19/02/2002	8 . 9 . 0		get it		
	GP-10 19/07/2002	8 . 10 . 0		get it		
	GP-13 21/02/2003	8 . 11 . 0		get it		

TR 05.22	Radio link management in hierarchical networks					
R99	current version: 8.0.0	WG (prime / other):	G1 / -	rapporteur:	VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND
	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:	.

TR 05.50	Background for RF Requirements					
R99	current version: 8.2.0	WG (prime / other):	G1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: SP-06	G: yes	U:	MCC:	Peter Skov USAI, Paolino	
	history (event, available, version,					
	smg-30 11/11/1999	8 . 0 . 0		get it	remarks - general:	
	smg-31 16/02/2000	8 . 1 . 0		get it	remarks - this release:	#30: 8.0.0 #31:8.1.0 #31b:8.2.0
	smg-31 bis 17/04/2000	8 . 2 . 0		get it		

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Server ACTIVE specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.56 GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem
R99 *current version:* 8.0.1 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/10/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

R99 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 06.02 Half Rate Speech Processing Functions
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec
R99 *current version:* 8.0.1 *WG (prime / other):* S4 / - *rapporteur:* AFTELAK, Steve MOTOROLA Ltd
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 15/11/2000 8 . 0 . 1 [get it](#) *remarks - this release:* .

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.07	Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec								
R99	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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Server ACTIVE specs R99 06 .- series
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	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
TS 06.32	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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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels								
R99	current version: 8.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-06	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-31 16/02/2000	8 . 0 . 0		get it	remarks - general:				
	ETSI Publication 15/11/2000	8 . 0 . 1		get it	remarks - this release: .				
<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 (EFR) 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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http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
R99	<i>current version:</i> 8.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 8 . 1 . 0	get it				
	SP-10 20/12/2000 8 . 2 . 0	get it				
TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 06.60	Enhanced full rate speech transcoding					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 15/11/2000 8 . 0 . 1	get it	<i>remarks - this release:</i> .			

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	SP-07 2 . 0 . 0				<i>remarks - general:</i> New at SMG#31. Then became 06.77; new 06.76 has new title.	
	SP-07 17/03/2000 8 . 0 . 0				<i>remarks - this release:</i>	
	fix invisible 10/01/2002 8 . 0 . 1				get it	
					get it	
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TS 06.77	Minimum Performance Requirements for Noise Suppressor Application to the AMR Speech Encoder					
R99	<i>current version:</i> 8.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-32 20/06/2000 8 . 0 . 0				<i>remarks - general:</i>	
	SP-11 10/04/2001 8 . 1 . 0				<i>remarks - this release:</i> #32:8.0.0 TSG#11:8.1.0	
	edito 03/05/2001 8 . 1 . 1				get it	
					get it	
					get it	
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TR 06.78	Results of the AMR noise suppression selection phase					
R99	<i>current version:</i> 8.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-32 20/06/2000 8 . 0 . 0				<i>remarks - general:</i>	
					<i>remarks - this release:</i> #32:8.0.0	
					get it	
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for encanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0				<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1				<i>remarks - this release:</i> .	
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					get it	
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TS 06.82	Voice Activity Detection (VAD) for encanced full rate speech traffic channels					
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0				<i>remarks - general:</i>	
	ETSI Publication 15/11/2000 8 . 0 . 1				<i>remarks - this release:</i> .	
					get it	
					get it	

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Server ACTIVE specs R99 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.85 Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation
R99 *current version:* 8.0.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
draft 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification
R99 *current version:* 8.0.1 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: SP-06 *G: yes U:* *MCC:* Peter Skov
history (event, available, version, THOMASEN, Gert
smg-31 16/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
edito 17/06/2002 8 . 0 . 1 [get it](#) *remarks - this release:* .

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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
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.16	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service				
R99	<i>current version:</i> 8.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> SP-06		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>		
	edito 17/06/2002 8 . 0 . 1	get it	<i>remarks - this release:</i> .		

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R99	<i>current version:</i> 8.10.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> SP-06	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	smg-31 16/02/2000 8 . 2 . 0	get it			
	smg-31 bis 17/04/2000 8 . 3 . 0	get it			
	GP-01 11/10/2000 8 . 4 . 0	get it			
	GP-02 30/11/2000 8 . 5 . 0	get it			
	edito 23/01/2001 8 . 5 . 1	get it			
	GP-03 31/01/2001 8 . 6 . 0	get it			
	GP-04 04/05/2001 8 . 7 . 0	get it			
	GP-05 18/06/2001 8 . 8 . 0	get it			
	GP-06 05/10/2001 8 . 9 . 0	get it			
	GP-09 06/05/2002 8 . 10 . 0	get it			

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R99	<i>current version:</i> 8.4.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-06	<i>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>		
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>		
	NP-09 18/10/2000 8 . 2 . 0	get it			
	NP-10 21/12/2000 8 . 3 . 0	get it			
	NP-11 04/04/2001 8 . 4 . 0	get it			
	ETSI-format publication 8 . 4 . 1		ETSI publication only - 3GPP tp use 8.4.0		

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

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Server ACTIVE specs R99 08 .- series
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		
	8 . 0 . 0					
	8 . 1 . 0					
	8 . 1 . 1					
<hr/>						
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					
<hr/>						
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					
<hr/>						
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					

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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	<i>current version:</i> 8.0.1		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> SP-06			Peter Skov		
			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 8 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 17/06/2002 8 . 0 . 1	get it	<i>remarks - this release:</i>			

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification					
R99	<i>current version:</i> 8.6.0		<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> SP-06			Peter Skov		
			<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>					
	smg-29 30/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-30 11/11/1999 8 . 1 . 0	get it	<i>remarks - this release:</i> #29: 8.0.0 #30: 8.1.0 #30: 8.2.0 #31:8.3.0 #31b:8.4.0 GERAN#1:8.5.0			
	smg-30 11/11/1999 8 . 2 . 0	get it				
	smg-31 16/02/2000 8 . 3 . 0	get it				
	smg-31 bis 17/04/2000 8 . 4 . 0	get it				
	GP-01 11/10/2000 8 . 5 . 0	get it				
	GP-02 30/11/2000 8 . 6 . 0	get it				

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels					
R99	<i>current version:</i> 8.2.1		<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S
	<i>freeze_meeting:</i> SP-06			Peter Skov		
			<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-30 11/11/1999 8 . 0 . 1	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.			
	smg-30 bis 06/12/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>			
	ETSI publication 30/10/2001 8 . 1 . 1	get it				
	GP-08 19/02/2002 8 . 2 . 0	get it				
	replace corrupted figure 2.1 24/01/2003 8 . 2 . 1	get it				

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						Server	ACTIVE specs	R99	08 .- series
							http://www.3gpp.org/ftp/Specs/archive/08_series		
TS	08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels							
R99		current version: 8.1.0	WG (prime / other): G1 / NP	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
		freeze_meeting: SP-06		Peter Skov					
			G: yes U:	MCC: USAI, Paolino					
		history (event, available, version,							
		smg-31 16/02/2000	8 . 0 . 0	get it	remarks - general: 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
		ETSI Publication 15/11/2000	8 . 0 . 1	get it	remarks - this release: .				
		GP-08 19/02/2002	8 . 1 . 0	get it					
TS	08.62	Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3							
R99		current version: 8.0.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.				
		freeze_meeting: SP-06		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		Peter Skov					
			G: yes U:	MCC: THOMASEN, Gert					
		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

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Server ACTIVE specs R99 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios

R99 current version: 8.0.0

freeze_meeting: SP-06

history (event, available, version,
NP-07 15/03/2000 8 . 0 . 0

WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: MCC: KYMALAINEN, Kimmo

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

TS 09.08 Application of the Base Station System Application Part (BSSAP) on the E-Interface

R99 current version: 8.2.0

freeze_meeting: SP-06

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
NP-10 02/01/2001 8 . 1 . 0
NP-19 8 . 2 . 0

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated

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

[get it](#) remarks - general:
[get it](#) remarks - this release: #31: 8.0.0 TSG#10:8.1.0

TS 09.31 Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE)

R99 current version: 8.6.0

freeze_meeting: SP-06

history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
smg-31 bis 17/04/2000 8 . 1 . 0
smg-32 20/06/2000 8 . 2 . 0
GP-01 01/09/2000 8 . 3 . 0
GP-06 14/09/2001 8 . 4 . 0
GP-07 08/01/2002 8 . 5 . 0
GP-10 19/07/2002 8 . 6 . 0

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S

G: yes U: MCC: PETER SKOV, THOMASEN, Gert

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

R99

10 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

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Server ACTIVE specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1
R99 *current version:* 8.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
smg-27 09/02/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 10.59 Project scheduling and open issues for EDGE
R99 *current version:* 8.0.0 *WG (prime / other):* G1 / - *rapporteur:* MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
draft 05/01/2000 1 . 20 . 0 [get it](#) *remarks - general:*
draft 01/04/2000 1 . 22 . 0 [get it](#) *remarks - this release:*
draft 25/05/2000 1 . 23 . 0 [get it](#)
smg-32 20/06/2000 8 . 0 . 0 [get it](#)

R99 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification
R99 *current version:* 8.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
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](#)

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R99 *current version:* 8.2.0 *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 T3
G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version, auto upgrade to 8 . 0 . 0 *never actually done*
R99 from
this spec from G5, and to approve a new R99 version not derived from R96
previous rel
also to withdraw the R96 version, since the R99 version will cover all
Releases. TP-14 0 . 0 . 1 TP-010250
T3-23 1 . 0 . 0 T3-020405
TP-17 2 . 0 . 0 TP-020221 = new draft, not derived by
CR from previous version (8.0.0). This
version NOT approved, due to
unorthodox history of its creation.
GP-12 20/12/2002 8 . 1 . 0 Created correctly by a CR to previous [get it](#)
version.
GP-13 21/02/2003 8 . 2 . 0 [get it](#)

remarks - general: 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: T3 proposes to take
remarks - this release: May 00: R99 not anticipated. TP-17: T3 proposes to take over this spec from G5, over
and to approve a new R99 version not derived from R96 by CR; also to withdraw by CR;
the R96 version, since the R99 version will cover all previous Releases. previous

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R99 *current version:* 8.9.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
smg-29 30/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 8 . 1 . 0 [get it](#) *remarks - this release:*
smg-31 16/02/2000 8 . 2 . 0 [get it](#)
smg-32 20/06/2000 8 . 3 . 0 [get it](#)
TP-09 18/10/2000 8 . 4 . 0 [get it](#)
TP-11 09/04/2001 8 . 5 . 0 [get it](#)
TP-14 17/01/2002 8 . 6 . 0 [get it](#)
TP-16 25/06/2002 8 . 7 . 0 [get it](#)
TP-17 18/09/2002 8 . 8 . 0 [get it](#)
TP-18 02/01/2003 8 . 9 . 0 [get it](#)

TS 11.13 Test specification for Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R99 *current version:* 8.2.0 *WG (prime / other):* T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
TP-17 18/09/2002 8 . 0 . 0 == v7.4.2 [get it](#) *remarks - general:*
TP-18 02/01/2003 8 . 1 . 0 [get it](#) *remarks - this release:* No work on R99! TP-14: Resurrected as identical copy of R98 v7.4.1.
TP-19 8 . 2 . 0

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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 (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface					
R99	<i>current version:</i> 8.13.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> TP-06					
		G: yes	U:	MCC:	DIETZE, Claus	
<i>history (event, available, version,</i>						
smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
				get it	<i>remarks - general:</i>	
smg-31	16/02/2000	8	.	2	.	0
Correction of CR implementation	31/05/2000	8	.	2	.	1
				get it	<i>remarks - this release:</i> TP-11 to be :withdrawn at TP-12, subsumed in 31.111; however, CR approved at TP-12, so assume not yet withdrawn!	
smg-32	20/06/2000	8	.	3	.	0
TP-09	18/10/2000	8	.	4	.	0
TP-10	05/01/2001	8	.	5	.	0
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
TP-14	16/01/2002	8	.	9	.	0
TP-15	28/03/2002	8	.	10	.	0
TP-16	25/06/2002	8	.	11	.	0
TP-18	02/01/2003	8	.	12	.	0
TP-19		8	.	13	.	0
				get it		
TS 11.17	Subscriber Interface Module (SIM) test specification					
R99	<i>current version:</i> 8.1.0		<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BREMNER, David	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-06					
		G: yes	U:	MCC:	DIETZE, Claus	
<i>history (event, available, version,</i>						
TP-18	02/01/2003	8	.	0	.	0
				get it	<i>remarks - general:</i>	
TP-19		8	.	1	.	0
				get it	<i>remarks - this release:</i> May 00: R99 not anticipated. TP-18: R99 created.	

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Server ACTIVE specs R99 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects

R99 *current version:* 8.8.0 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G: yes U:* MCC: USAI, Paolino

history (event, available, version,
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](#)
GP-12 03/01/2003 8 . 7 . 0 [get it](#)
GP-13 21/02/2003 8 . 8 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R99 *current version:* 8.0.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: SP-06 *G: yes U:* MCC: USAI, Paolino

history (event, available, version,
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 NP
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
Upgrade to R99 19/04/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R99 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.04 Performance data measurements

R99 current version: 8.1.0
freeze_meeting: SP-06

WG (prime / other): S5 / S1 /
NP

rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)

G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
Upgrade to R99 19/04/2000 8 . 0 . 0
SP-16 28/06/2002 8 . 1 . 0

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

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R99 current version: 8.0.0
freeze_meeting: SP-06

WG (prime / other): G3 / S5 rapporteur: TRUSS, Michael MOTOROLA Ltd
G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-09 06/05/2002 8 . 0 . 0

[get it](#) remarks - general: SP-13: S5->G3 but no change of rapporteur.
remarks - this release: GP-09 (Usai) created to fill the Release gap.

TS 12.71 Location Services (LCS); Location services management

R99 current version: 8.0.1
freeze_meeting: SP-06

WG (prime / other): S5 / - rapporteur: GARAPATY, Sonia Nortel Networks (USA)
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
draft 22/09/1999 0 . 0 . 1
draft 18/10/1999 0 . 0 . 2
draft 03/12/1999 0 . 0 . 3
draft 22/12/1999 0 . 0 . 4
draft 17/01/2000 0 . 0 . 5
draft 22/05/2000 2 . 0 . 0
draft 25/05/2000 2 . 0 . 1
SP-08 21/06/2000 7 . 0 . 0
SP-08 21/06/2000 8 . 0 . 0
ETSI Publication 30/11/2000 8 . 0 . 1

[get it](#) remarks - general: TSG#11:S5 will no longer maintain.
[get it](#) remarks - this release: TSG#8:8.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
[get it](#)
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R99

21 .- series

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

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

3GPP specification status

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.101 3rd Generation mobile system Release 1999 Specifications

R99 current version: 3.11.0

freeze_meeting: SP-07

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

SP-06 17/12/1999 2 . 0 . 0

corrections 2 . 2 . 0 post SP-06

SP-07 2 . 3 . 0 SP-000037

SP-07 2 . 4 . 0 SP-000104

SP-07 2 . 5 . 0

SP-07 17/03/2000 3 . 0 . 0

editorial 30/03/2000 3 . 0 . 1

post-SP-08 28/06/2000 3 . 1 . 0

SP-10 04/01/2001 3 . 2 . 0

SP-11 11/04/2001 3 . 3 . 0

SP-12 05/07/2001 3 . 4 . 0

SP-13 01/10/2001 3 . 5 . 0

SP-14 03/01/2002 3 . 6 . 0

SP-15 27/03/2002 3 . 7 . 0

SP-16 19/06/2002 3 . 8 . 0

SP-17 18/09/2002 3 . 9 . 0

SP-18 03/01/2003 3 . 10 . 0

SP-19 3 . 11 . 0

WG (prime / other): SP / -

G: U: yes

rapporteur: MEREDITH, John M

MCC: POPE, Maurice

ETSI Secretariat

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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[get it](#)

TS 21.111 USIM and IC card requirements

R99 current version: 3.4.0

freeze_meeting: SP-03

history (event, available, version,

draft 16/10/1998 0 . 0 . 1

Transfer from 04/03/1999 1 . 1 . 0

smg9 to T3

T3 21/04/1999 2 . 0 . 0

TP-03 23/04/1999 3 . 0 . 0

TP-06 17/12/1999 3 . 0 . 1

TP-07 15/03/2000 3 . 1 . 0

TP-08 23/06/2000 3 . 2 . 0

TP-09 18/10/2000 3 . 3 . 0

TP-17 18/09/2002 3 . 4 . 0

WG (prime / other): T3 / -

G: U: yes

rapporteur: KALINER, Stefan

MCC: DIETZE, Claus

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

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

[get it](#)

[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

3GPP specification status

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TS 21.133 3G security; Security threats and requirements

R99 *current version:* 3.2.0
freeze_meeting: SP-03

WG (prime / other): S3 / - *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB

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 TeliaSonera AB

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

history (event, available, version,

TP-08	23/06/2000	3	.	0	.	0
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[get it](#) *remarks - general:* Was formerly 21.910. Renumbered at TSG#7.

remarks - this release: TSG#7:2.0.0 - number changed from 21.910. Not approved. 2.0.0

TR 21.900 Technical Specification Group working methods

R99 *current version:* 3.6.0
freeze_meeting: SP-03

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat

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

history (event, available, version,

SP-03	23/04/1999	3	.	0	.	0
SP-04	23/06/1999	3	.	1	.	0
SP-05	13/10/1999	3	.	2	.	0
SP-08	28/06/2000	3	.	3	.	0
SP-09	04/10/2000	3	.	4	.	0
SP-10	04/01/2001	3	.	5	.	0
SP-11	11/04/2001	3	.	6	.	0

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

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

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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

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Server ACTIVE specs R99 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.904 User Equipment (UE) capability requirements

R99 current version: 3.5.0

freeze_meeting: SP-07

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 18/06/1999 0 . 0 . 3

TP-05 08/10/1999 1 . 0 . 2

TP-06 17/12/1999 1 . 1 . 0

TP-07 2 . 0 . 0 TP-000026

TP-07 15/03/2000 3 . 0 . 0

Editorial 30/03/2000 3 . 0 . 1

TP-08 23/06/2000 3 . 1 . 0

TP-09 16/10/2000 3 . 2 . 0

TP-10 05/01/2001 3 . 3 . 0

TP-13 03/10/2001 3 . 4 . 0

TP-17 16/09/2002 3 . 5 . 0

WG (prime / other): T2 / - rapporteur: SOOD, Prem SHARP Corporation

G: U: yes MCC: RODERMUND, Friedhelm

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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[get it](#)

TR 21.905 Vocabulary for 3GPP Specifications

R99 current version: 3.3.0

freeze_meeting: SP-07

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

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](#)

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[get it](#)

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

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ACTIVE specs R99 21 .- series
Server http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.910 Multi-mode UE issues; categories, principles and procedures

R99 *current version:* 3.0.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* PERSSON, Sofi TeliaSonera AB
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

TP-03 0 . 1 . 0
TP-04 0 . 2 . 0

remarks - general: TSG#7: Renumbered to 21.810 and stopped. TSG#8: Resurrected with modified
remarks - this release: TSG#7: 2.0.0, but not approved. Number changed to 21.810. TSG#8: Re-instated with changed title and contents. TSG#8:3.0.0 (2.1.0)

TP-05 08/10/1999 1 . 0 . 1
TP-06 17/12/1999 1 . 3 . 2
TP-07 2 . 0 . 0
TP-08 2 . 1 . 0
TP-08 15/03/2000 3 . 0 . 0

[get it](#)

[get it](#)

[get it](#)

TR 21.978 Feasibility Technical Report; CAMEL Control of VoIP Services

R99 *current version:* 3.0.0
freeze_meeting: SP-07
history (event, available, version,

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

NP-06 17/12/1999 2 . 0 . 0
Revised clause 11 14/01/2000 2 . 1 . 0
NP-08 2 . 1 . 1
NP-08 23/06/2000 3 . 0 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

R99

22 .- series

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

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

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,

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

SP-06 17/12/1999 3 . 0 . 0 aprvd with CRs
SP-06 17/12/1999 3 . 1 . 0
edito 18/01/2000 3 . 1 . 1
SP-07 17/03/2000 3 . 2 . 0

[get it](#)

remarks - general: Transfer>TSG#5

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.002	Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 3.6.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3 . 1 . 0		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-06 17/12/1999	3 . 2 . 0		get it	<i>remarks - this release:</i>				
	SP-07 15/03/2000	3 . 3 . 0		get it					
	SP-08 23/06/2000	3 . 4 . 0		get it					
	SP-09 18/10/2000	3 . 5 . 0		get it					
	SP-11 02/04/2001	3 . 6 . 0		get it					
<hr/>									
TS 22.003	Circuit Teleservices supported by a Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-08		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999	3 . 0 . 0	aprvd with CRs	get it	<i>remarks - general:</i> Transfer>TSG#5				
	SP-06 17/12/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-07 17/03/2000	3 . 2 . 0		get it					
	SP-12 27/06/2001	3 . 3 . 0		get it					
<hr/>									
TS 22.004	General on supplementary services								
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05		G: yes U: yes		<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3 . 0 . 1		get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-06 17/12/1999	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-07 15/03/2000	3 . 2 . 0		get it					
	Editorial 15/03/2000	3 . 2 . 1		get it					
	SP-16 04/07/2002	3 . 3 . 0		get it					

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.011	Service accessibility								
R99	current version: 3.8.0			WG (prime / other): S1 / -	rapporteur: GALLAIRE, Jean Paul	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	txferd to 3GPP 01/06/2000	3 . 0 . 0		get it	remarks - general: Transfer>TSG#4				
	SP-05 30/10/1999	3 . 0 . 1		get it	remarks - this release:				
	SP-06 17/12/1999	3 . 1 . 1		get it					
	SP-07 17/03/2000	3 . 2 . 0		get it					
	SP-09 18/10/2000	3 . 3 . 0		get it					
	SP-11 02/04/2001	3 . 4 . 0		get it					
	SP-12 27/06/2001	3 . 5 . 0		get it					
	SP-14 10/01/2002	3 . 6 . 0		get it					
	SP-15 25/03/2002	3 . 7 . 0		get it					
	SP-17 17/09/2002	3 . 8 . 0		get it					

TS 22.016	International Mobile Equipment Identities (IMEI)								
R99	current version: 3.3.0			WG (prime / other): S1 / -	rapporteur: KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05			G: yes U: yes	MCC: CLAYTON, Michael				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-06 17/12/1999	3 . 1 . 0		get it	remarks - this release:				
	SP-08 28/06/2000	3 . 2 . 0		get it					
	SP-16 04/07/2002	3 . 3 . 0		get it					

TS 22.022	Personalisation of Mobile Equipment (ME); Mobile functionality specification								
R99	current version: 3.2.1			WG (prime / other): S3 / -	rapporteur: NGUYEN NGOC, Sebastien	France Telecom			
	freeze_meeting: SP-05			G: yes U: yes	MCC: POPE, Maurice				
	history (event, available, version,								
	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-08 28/06/2000	3 . 1 . 0	difficulty in implementing CR	get it	remarks - this release:				
	SP-16 19/06/2002	3 . 2 . 0		get it					
	edito post SP-16 24/06/2002	3 . 2 . 1	corrects change history	get it					

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.024	Description of Charge Advice Information (CAI)								
R99	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DWYER, Paul				NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	0	.	1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5	
								<i>remarks - this release:</i> .	
<hr/>									
TS 22.030	Man-Machine Interface (MMI) of the User Equipment (UE)								
R99	<i>current version:</i> 3.4.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> TOIVANEN, Annukka				NOKIA Corporation
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 30/10/1999	3	.	0	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4	
	SP-05 30/10/1999	3	.	1	.	0	get it	<i>remarks - this release:</i>	
	SP-06 17/12/1999	3	.	2	.	0	get it		
	SP-07 17/03/2000	3	.	3	.	0	get it		
	SP-09 18/10/2000	3	.	4	.	0	get it		
<hr/>									
TS 22.031	Fraud Information Gathering System (FIGS); Service description; Stage 1								
R99	<i>current version:</i> 3.0.0			<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> SP-18			G: yes U: yes	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-18 06/01/2003	3	.	0	.	0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 02.31 R99 and 42.031 Rel-4 & Rel-5 -> 22.031.	
								<i>remarks - this release:</i> Created from 02.31 R99.	
<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.	

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

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Server ACTIVE specs R99 22 .- series
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TS 22.034	High Speed Circuit Switched Data (HSCSD); Stage 1								
R99	<i>current version:</i> 3.2.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation		
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	1	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4
	SP-07 15/03/2000	3	.	2	.	0		get it	<i>remarks - this release:</i>
	edito 25/04/2000	3	.	2	.	1		get it	
<hr/>									
TS 22.038	USIM/SIM Application Toolkit (USAT/SAT); Service description; Stage 1								
R99	<i>current version:</i> 3.2.0			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul		Research In Motion Limited		
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 30/10/1999	3	.	0	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4
	SP-07 17/03/2000	3	.	1	.	0		get it	<i>remarks - this release:</i>
	SP-08 28/06/2000	3	.	2	.	0		get it	
<hr/>									
TS 22.041	Operator Determined Call Barring								
R99	<i>current version:</i> 3.3.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> WOLAK, Stephen		VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	1	.	0		get it	<i>remarks - general:</i> Transfer>TSG#4
	SP-10 08/01/2001	3	.	2	.	0		get it	<i>remarks - this release:</i>
	SP-11 02/04/2001	3	.	3	.	0		get it	
	edito 26/04/2001	3	.	3	.	1		get it	
<hr/>									
TS 22.042	Network Identity and Time Zone (NITZ) service description; Stage 1								
R99	<i>current version:</i> 3.0.1			<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> DAHLKVIST, Mikael		ERICSSON MOBILE COMMUNICATIONS AB		
	<i>freeze_meeting:</i> SP-05			G: yes U: yes	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3	.	0	.	1		get it	<i>remarks - general:</i> Transfer>TSG#4
									<i>remarks - this release:</i> CR to 3.0.1 not aprvd.

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.057	Mobile Execution Environment (MExE) service description; Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CATALDO, Mark	Openwave Systems (N.I.) Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 25/10/1999	3 . 0 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4: Rel-4 changes title from "Mobile Station Application Execution			
	edito 25/10/1999	3 . 0 . 1		get it	<i>remarks - this release:</i>	. Environment (MExE); Stage 1".			
<hr/>									
TS 22.060	General Packet Radio Service (GPRS); Service description; Stage 1								
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CARPENTER, Paul	Research In Motion Limited			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3 . 1 . 0		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-06 17/12/1999	3 . 2 . 0		get it	<i>remarks - this release:</i>				
	SP-07 15/03/2000	3 . 3 . 0		get it					
	SP-08 28/06/2000	3 . 4 . 0		get it					
	SP-09 18/10/2000	3 . 5 . 0		get it					
<hr/>									
TS 22.066	Support of Mobile Number Portability (MNP); Stage 1								
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3 . 0 . 1		get it	<i>remarks - general:</i>	Transfer>TSG#4			
	SP-07 15/03/2000	3 . 1 . 0		get it	<i>remarks - this release:</i>				
	SP-08 28/06/2000	3 . 2 . 0		get it					
<hr/>									
TS 22.067	enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	SWETINA, Joerg	SIEMENS AG			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	3 . 0 . 1		get it	<i>remarks - general:</i>	Transfer>TSG#4			
					<i>remarks - this release:</i>	.			

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

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TS 22.071	Location Services (LCS); Stage 1					
R99	<i>current version:</i> 3.4.0	WG (prime / other):	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			get it	<i>remarks - general:</i>	Transfer>TSG#4
	SP-06 17/12/1999			get it	<i>remarks - this release:</i>	
	SP-09 18/10/2000			get it		
	SP-15 25/03/2002			get it		
TS 22.072	Call Deflection (CD); Stage 1					
R99	<i>current version:</i> 3.0.1	WG (prime / other):	S1 / -	<i>rapporteur:</i>	RAUCH, Horst	T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999			get it	<i>remarks - general:</i>	Transfer>TSG#4
					<i>remarks - this release:</i>	.
TS 22.078	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service description; Stage 1					
R99	<i>current version:</i> 3.9.0	WG (prime / other):	S1 / -	<i>rapporteur:</i>	GRECH, Michel	Lucent Technologies Network Systems UK
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999			get it	<i>remarks - general:</i>	
	SP-06 17/12/1999			get it	<i>remarks - this release:</i>	
	SP-07 15/03/2000			get it		
	SP-08 28/06/2000			get it		
	edito 09/08/2000			get it		
	SP-09 31/10/2000			get it		
	SP-10 08/01/2001			get it		
	SP-11 02/04/2001			get it		
	SP-12 27/06/2001			get it		
	SP-15 25/03/2002			get it		
TS 22.079	Support of optimal routing; Stage 1					
R99	<i>current version:</i> 3.0.1	WG (prime / other):	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999			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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						Server	ACTIVE specs R99 22 .- series http://www.3gpp.org/ftp/Specs/archive/22_series
TS 22.081	Line Identification supplementary services; Stage 1						
R99	<i>current version:</i> 3.2.0						
	<i>freeze_meeting:</i> SP-05						
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1						
	SP-08 28/06/2000 3 . 2 . 0						
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> AHNBERG, Tomas			Indicate persons who left Company and wait for new One
		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> CLAYTON, Michael			
				get it <i>remarks - general:</i> Transfer>TSG#4			
				get it <i>remarks - this release:</i>			
TS 22.082	Call Forwarding (CF) Supplementary Services; Stage 1						
R99	<i>current version:</i> 3.0.1						
	<i>freeze_meeting:</i> SP-05						
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1						
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> EVEN, Anne			France Telecom
		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> CLAYTON, Michael			
				get it <i>remarks - general:</i> Transfer>TSG#4			
				<i>remarks - this release:</i> .			
TS 22.083	Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1						
R99	<i>current version:</i> 3.0.1						
	<i>freeze_meeting:</i> SP-05						
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1						
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> CLAYTON, Michael			
				get it <i>remarks - general:</i> Transfer>TSG#4			
				<i>remarks - this release:</i> .			
TS 22.084	MultiParty (MPTY) supplementary service; Stage 1						
R99	<i>current version:</i> 3.0.1						
	<i>freeze_meeting:</i> SP-05						
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1						
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> CLAYTON, Michael			
				get it <i>remarks - general:</i> Transfer>TSG#4			
				<i>remarks - this release:</i> .			
TS 22.085	Closed User Group (CUG) supplementary services; Stage 1						
R99	<i>current version:</i> 3.1.0						
	<i>freeze_meeting:</i> SP-05						
	<i>history (event, available, version,</i>						
	SP-05 13/10/1999 3 . 0 . 1						
	SP-06 17/12/1999 3 . 1 . 0						
		<i>WG (prime / other):</i> S1 / -		<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
		<i>G:</i> yes <i>U:</i> yes		<i>MCC:</i> CLAYTON, Michael			
				get it <i>remarks - general:</i> Transfer>TSG#4			
				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 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.086	Advice of Charge (AoC) supplementary services; Stage 1								
R99	current version: 3.1.0	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				
					remarks - this release:				
TS 22.087	User-to-user signalling (UUS); Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	BRADEN, Christian	T-MOBILE DEUTSCHLAND			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
		3.0.1, but should have been 3.1.0 to include a CR wrongly attributed to 22.086.			remarks - this release:				
incorporation of	01/02/2000	3 . 1 . 0		get it					
lost CR from									
TS 22.088	Call Barring (CB) supplementary services; Stage 1								
R99	current version: 3.0.2	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	edito 27/11/2000	3 . 0 . 2		get it	remarks - this release: .				
TS 22.090	Unstructured Supplementary Service Data (USSD); Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-07 15/03/2000	3 . 1 . 0		get it	remarks - this release:				
TS 22.091	Explicit Call Transfer (ECT) supplementary service; Stage 1								
R99	current version: 3.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	freeze_meeting: SP-05	G: yes U: yes		MCC:	CLAYTON, Michael				
history (event, available, version,	SP-05 13/10/1999	3 . 0 . 1		get it	remarks - general: Transfer>TSG#4				
	SP-09 18/10/2000	3 . 1 . 0		get it	remarks - this release:				

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TS 22.093	Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.094	Follow Me service description - Stage 1								
R99	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	BERGMANN, Ansgar	Deutsche Telekom AG			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999 3 . 1 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
					<i>remarks - this release:</i> Transfer>TSG#6; Anticipate that v3.y.z will be withdrawn. Apr2001: Unwithdrawn. August 2001: still debating whether this is GSM-only or common.				
<hr/>									
TS 22.096	Name identification supplementary services; Stage 1								
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 0 . 1			get it	<i>remarks - general:</i> Transfer>TSG#4				
					<i>remarks - this release:</i> .				
<hr/>									
TS 22.097	Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1								
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes		<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999 3 . 1 . 0			get it	<i>remarks - general:</i> Transfer>TSG#4				
	SP-09 18/10/2000 3 . 2 . 0			get it	<i>remarks - this release:</i>				

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

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TS 22.100 UMTS Phase 1

R99 current version: 3.7.0

freeze_meeting: SP-03

history (event, available, version,

draft 16/09/1998 0 . 1 . 0

draft 16/10/1998 1 . 0 . 0

WG approval 01/02/1999 2 . 0 . 0

Transfer to SP SA 23/04/1999 3 . 0 . 0

SP-03 23/04/1999 3 . 2 . 0

SP-04 23/06/1999 3 . 3 . 0

SP-05 13/10/1999 3 . 4 . 0

SP-06 17/12/1999 3 . 5 . 0

SP-07 15/03/2000 3 . 6 . 0

SP-13 05/10/2001 3 . 7 . 0

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom

G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general:

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

[get it](#)

[get it](#)

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[get it](#)

[get it](#)

TS 22.101 Service aspects; Service principles

R99 current version: 3.13.0

freeze_meeting: SP-03

history (event, available, version,

SP-03 23/04/1999 3 . 5 . 0

SP-04 23/06/1999 3 . 6 . 0

SP-05 13/10/1999 3 . 7 . 0

SP-06 17/12/1999 3 . 8 . 0

SP-07 15/03/2000 3 . 9 . 0

SP-08 28/06/2000 3 . 10 . 0

SP-09 18/10/2000 3 . 11 . 0

SP-10 08/01/2001 3 . 12 . 0

SP-12 27/06/2001 3 . 13 . 0

WG (prime / other): S1 / - rapporteur: DWYER, Paul NORTEL NETWORKS (EUROPE)

G: U: yes MCC: CLAYTON, Michael

[get it](#) remarks - general:

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

[get it](#)

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TS 22.105 Services and service capabilities

R99 current version: 3.10.0

freeze_meeting: SP-03

WG (prime / other): S1 / - rapporteur: EVEN, Anne France Telecom

G: U: yes MCC: CLAYTON, Michael

history (event, available, version,

First complete 13/06/1997 1 . 0 . 0

draft 19/12/1997 1 . 4 . 1

WG approval 15/02/1998 2 . 0 . 0

Under TB change 20/03/1998 3 . 0 . 0

control

smg-26 to review 20/06/1998 3 . 1 . 0

smg-28 15/02/1999 3 . 2 . 0

SP-03 23/04/1999 3 . 4 . 0

SP-04 23/06/1999 3 . 5 . 0

SP-05 13/10/1999 3 . 6 . 0

SP-06 17/12/1999 3 . 7 . 0

SP-07 15/03/2000 3 . 8 . 0

SP-08 28/06/2000 3 . 9 . 0

SP-10 08/01/2001 3 . 10 . 0

[get it](#) remarks - general:

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

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TS 22.115 Service Aspects Charging and billing

R99 current version: 3.3.0

freeze_meeting: SP-03

WG (prime / other): S1 / - rapporteur: MONTEGROSSO, Emanuele TELECOM ITALIA S.p.A.

G: yes U: yes MCC: CLAYTON, Michael

history (event, available, version,

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](#)

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

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TR 22.121	Service aspects; The Virtual Home Environment; Stage 1					
R99	<i>current version:</i> 3.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> OGUNBEKUN, Jumoke	FUJITSU Laboratories of Europe Limited		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	OSP parts 04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	Former title: "Provision of Services in UMTS - The Virtual Home Environment;	
	extracted from			<i>remarks - this release:</i>	Stage 1". SP-16: converted from TS to TR.	
	22,121 v3,2,0					
	draft 04/04/1999	0 . 1 . 0	get it			
	SP-04 23/06/1999	3 . 0 . 0	get it			
	SP-05 13/10/1999	3 . 1 . 0	get it			
	SP-07 15/03/2000	3 . 2 . 0	get it			
	SP-08 28/06/2000	3 . 3 . 0	get it			
	SP-16 19/07/2002	3 . 3 . 1	get it		Converted from TS to TR.	
TS 22.129	Handover requirements between UTRAN and GERAN or other radio systems					
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SAMPSON, Nick	ORANGE PCS LTD		
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	Start of work 04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>		
	Table of Contents 04/03/1999	0 . 1 . 0	get it	<i>remarks - this release:</i>		
	and Scope					
	First complete 22/04/1999	1 . 0 . 0	get it			
	SP-03 23/01/1999	1 . 2 . 0	get it			
	SP-03 23/04/1999	3 . 0 . 0	get it			
	SP-05 13/10/1999	3 . 1 . 0	get it			
	SP-06 17/12/1999	3 . 2 . 0	get it			
	SP-08 28/06/2000	3 . 3 . 0	get it			
	SP-09 18/10/2000	3 . 4 . 0	get it			
	SP-10 08/01/2001	3 . 5 . 0	get it			
	SP-14 10/01/2002	3 . 6 . 0	get it			

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

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Server ACTIVE specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.135 Multicall; Service description; Stage 1

R99 *current version:* 3.4.0
freeze_meeting: SP-06
history (event, available, version,
Start of work 04/03/1999 0 . 0 . 0
Table of Contents 04/03/1999 0 . 1 . 0
and Scope
SP-03 23/04/1999 1 . 0 . 0
SP-05 13/10/1999 3 . 0 . 0
SP-06 17/12/1999 3 . 1 . 0
SP-07 15/03/2000 3 . 2 . 0
SP-08 28/06/2000 3 . 3 . 0
SP-09 18/10/2000 3 . 4 . 0

WG (prime / other): S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

[get it](#)
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[get it](#)

TS 22.140 Multimedia Messaging Service (MMS); Stage 1

R99 *current version:* 3.1.0
freeze_meeting: SP-06
history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0
SP-05 08/10/1999 1 . 0 . 0
SP-06 17/12/1999 2 . 0 . 0
SP-08 28/06/2000 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
G: *U:* yes *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:* (development in T2)
[get it](#) *remarks - this release:*

[get it](#)

TR 22.945 Study of provision of fax service in GSM and UMTS

R99 *current version:* 3.0.0
freeze_meeting: SP-05
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 ERICSSON AS
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

[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

TR 22.971 Automatic establishment of roaming relationships

R99 *current version:* 3.1.1
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* MONTEGROSSO, TELECOM ITALIA S.p.A.
Emanuele

G: *U:* yes *MCC:* CLAYTON, Michael

history (event, available, version,
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

[get it](#) *remarks - general:*
remarks - this release: .
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TR 22.975 Advanced addressing

R99 *current version:* 3.1.0
freeze_meeting: SP-03

WG (prime / other): S1 / - *rapporteur:* KLEIER, Stephan Vodafone D2 GmbH
KLEIER, Stephan

G: *U:* yes *MCC:* CLAYTON, Michael

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

[get it](#) *remarks - general:*
remarks - this release: .
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R99

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http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.002	Network architecture								
R99	current version: 3.6.0			WG (prime / other): S2 / -	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting: SP-05			G: yes U: yes	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	SP-05 13/10/1999	3	.	1	.	0	get it	remarks - general:	Transfer>TSG#4,CR at TSG#5
	SP-06 17/12/1999	3	.	2	.	0	get it	remarks - this release:	
	SP-07 15/03/2000	3	.	3	.	0	get it		
	SP-10 21/12/2000	3	.	4	.	0	get it		
	SP-14 07/01/2002	3	.	5	.	0	get it		
	SP-17 24/09/2002	3	.	6	.	0	get it		
<hr/>									
TS 23.003	Numbering, Addressing and Identification								
R99	current version: 3.11.0			WG (prime / other): N4 / -	rapporteur: RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: SP-03			G: yes U: yes	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	NP-03 23/04/1999	3	.	0	.	0	get it	remarks - general:	
	NP-04 23/06/1999	3	.	1	.	0	get it	remarks - this release:	
	NP-05 13/10/1999	3	.	2	.	0	get it		
	NP-06 15/12/1999	3	.	3	.	0	get it		
	NP-07 15/03/2000	3	.	4	.	0	get it		
	edito 17/05/2000	3	.	4	.	1	get it		
	NP-08 28/06/2000	3	.	5	.	0	get it		
	NP-09 26/10/2000	3	.	6	.	0	get it		
	NP-10 21/12/2000	3	.	7	.	0	get it		
	NP-11 02/04/2001	3	.	8	.	0	get it		
	NP-12 27/06/2001	3	.	9	.	0	get it		
	NP-16 21/06/2002	3	.	10	.	0	get it		
	NP-17 17/09/2002	3	.	11	.	0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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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

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	1	.	3
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-08	28/06/2000	3	.	4	.	0
NP-16	21/06/2002	3	.	5	.	0

WG (prime / other): N4 / - rapporteur: RUSSELL, Nick VODAFONE LTD

G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.008 Organisation of subscriber data

R99 current version: 3.7.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	15/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
NP-08	28/06/2000	3	.	4	.	0
NP-09	26/10/2000	3	.	5	.	0
NP-12	27/06/2001	3	.	6	.	0
NP-16	21/06/2002	3	.	7	.	0

WG (prime / other): N4 / - rapporteur: BAUER, Rolf ALCATEL SEL AG

G: yes U: yes MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[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 R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.009 Handover procedures

R99 current version: 3.13.0

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

NP-17 17/09/2002 3 . 11 . 0

NP-18 02/01/2003 3 . 12 . 0

NP-19 3 . 13 . 0

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 23.011 Technical realization of Supplementary Services

R99 current version: 3.1.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND

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](#)

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 23.012 Location management procedures

R99 *current version:* 3.3.0
freeze_meeting: SP-03
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

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

TS 23.014 Support of Dual Tone Multi Frequency (DTMF) signalling

R99 *current version:* 3.2.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-06 17/12/1999 3 . 1 . 0
NP-17 17/09/2002 3 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:* Should not be in UMTS ????
[get it](#) *remarks - this release:* .
[get it](#)

TS 23.015 Technical realisation of Operator Determined Barring (ODB)

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
G: yes U: yes *MCC:* Chalmers
KYMALAINEN, Kimmo

[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 R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.016 Subscriber data management; Stage 2

R99 current version: 3.9.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	26/10/2000	3	.	6	.	0
NP-11	30/03/2001	3	.	7	.	0
NP-15	28/03/2002	3	.	8	.	0
NP-17	17/09/2002	3	.	9	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 23.018 Basic Call Handling; Technical realization

R99 current version: 3.12.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	15/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	25/10/2000	3	.	6	.	0
NP-11	06/04/2001	3	.	7	.	0
NP-12	04/07/2001	3	.	8	.	0
NP-13	03/10/2001	3	.	9	.	0
NP-14	16/01/2002	3	.	10	.	0
NP-15	28/03/2002	3	.	11	.	0
NP-19		3	.	12	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: PARK, Ian David

MCC:

KYMALAINEN, Kimmo

VODAFONE LTD

[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 23 .- series
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TS 23.031	Fraud Information Gathering System (FIGS); Service description; Stage 2						
R99	<i>current version:</i> 3.0.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-18						
	<i>history (event, available, version,</i>		<i>G: yes U: yes</i>	<i>MCC:</i> POPE, Maurice			
	SP-18 06/01/2003 3 . 0 . 0	Technically identical to 03.31 v8.0.0	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &			
				<i>remarks - this release:</i> Created from 03.31 R99.		Rel-5 -> 23.031.	
TS 23.032	Universal Geographical Area Description (GAD)						
R99	<i>current version:</i> 3.2.1		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HIETALAHTI, Hannu		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-03		<i>G: yes U: yes</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i>						
	SP-03 23/04/1999 3 . 0 . 0		get it	<i>remarks - general:</i> S2 responsibility?			
	SP-07 15/03/2000 3 . 1 . 0		get it	<i>remarks - this release:</i>			
	SP-18 07/01/2003 3 . 2 . 0		get it				
	edito post SP-18 10/01/2003 3 . 2 . 1		get it				
	to correct figures						
TS 23.034	High Speed Circuit Switched Data (HSCSD); Stage 2						
R99	<i>current version:</i> 3.3.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> CARRION RODRIGO, Imaculada		NOKIA Corporation	
	<i>freeze_meeting:</i> SP-03		<i>G: yes U: yes</i>	<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>			
	NP-05 13/10/1999 3 . 1 . 0		get it	<i>remarks - this release:</i>			
	NP-06 17/12/1999 3 . 1 . 1		get it				
	NP-07 15/03/2000 3 . 2 . 0		get it				
	NP-10 02/01/2001 3 . 3 . 0		get it				
TS 23.035	Immediate Service Termination (IST); Stage 2						
R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-16		<i>G: yes U: yes</i>	<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 03.35 (R99) and 43.035 (Rel-4 onwards).			
	SP-17 18/09/2002 3 . 1 . 0		get it	<i>remarks - this release:</i> SP-16: takes over from 03,35 R99.			

G = required in systems with GERAN acces; U = required in systems with UMTS

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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>					
	TP-03 28/04/1999 1 . 0 . 0			get it	<i>remarks - general:</i>	
	TP-04 23/06/1999 3 . 1 . 0			get it	<i>remarks - this release:</i>	additional CR for R99 on SMS enhanced message content expected at TSG-T#7.
						No, evidently not.
	TP-05 08/10/1999 3 . 2 . 0			get it		
	TP-06 17/12/1999 3 . 3 . 0			get it		
<hr/>						
TR 23.039	Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)					
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited
	<i>freeze_meeting:</i> SP-04	<i>G: yes U: yes</i>		<i>MCC:</i>	RODERMUND, Friedhelm	
	<i>history (event, available, version,</i>					
	TP-03 28/04/1999 1 . 0 . 0			get it	<i>remarks - general:</i>	
	TP-04 23/06/1999 3 . 0 . 0			get it	<i>remarks - this release:</i>	
	TP-06 completed 17/12/1999 3 . 1 . 0			get it		
	TP-09 04/10/2000 3 . 2 . 0			get it		
<hr/>						
TS 23.040	Technical realization of Short Message Service (SMS)					
R99	<i>current version:</i> 3.9.0	<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>					
	TP-03 28/04/1999 1 . 0 . 0			get it	<i>remarks - general:</i>	
	TP-04 23/06/1999 3 . 1 . 0			get it	<i>remarks - this release:</i>	
	TP-05 08/10/1999 3 . 2 . 0			get it		
	TP-06 17/12/1999 3 . 3 . 0			get it		
	TP-07 15/03/2000 3 . 4 . 0			get it		
	edito 19/04/2000 3 . 4 . 1			get it		
	TP-08 23/06/2000 3 . 5 . 0			get it		
	TP-13 03/10/2001 3 . 6 . 0			get it		
	TP-14 11/01/2002 3 . 7 . 0			get it		
	TP-15 21/03/2002 3 . 8 . 0			get it		
	TP-16 25/06/2002 3 . 9 . 0			get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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TS 23.041 Technical realization of Cell Broadcast Service (CBS)

R99 *current version:* 3.5.0

freeze_meeting: SP-05

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-05 08/10/1999 3 . 0 . 0

TP-06 17/12/1999 3 . 1 . 0

TP-07 completion 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](#)

[get it](#)

[get it](#)

TS 23.042 Compression algorithm for SMS

R99 *current version:* 3.1.0

freeze_meeting: SP-04

history (event, available, version,

TP-03 28/04/1999 1 . 0 . 0

TP-04 23/06/1999 3 . 0 . 0

TP-06 17/12/1999 3 . 1 . 0

test vectors provided 23/01/200

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* 2001-01-23: test vectors provided = same file as for 03.42 v7.1.1.

[get it](#)

TS 23.057 Mobile Execution Environment (MExE); Functional description; Stage 2

R99 *current version:* 3.4.0

freeze_meeting: SP-06

history (event, available, version,

TP-03 28/04/1999 1 . 0 . 0

TP-04 (MExE R98 18/06/1999 1 . 1 . 0

GSM 03.57)

TP-05 08/10/1999 1 . 5 . 0

TP-06 completed 17/12/1999 3 . 0 . 0

TP-07 15/03/2000 3 . 1 . 0

Editorial 15/03/2000 3 . 1 . 1

TP-08 23/06/2000 3 . 2 . 0

TP-09 16/10/2000 3 . 3 . 0

TP-11 27/03/2001 3 . 4 . 0

WG (prime / other): T2 / - *rapporteur:* BRENK, Lars TTPCom Ltd

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* Apr-2001: " Station Application" removed from title.

[get it](#) *remarks - this release:*

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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:* 3.14.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* YOON, Sang-Ui

history (event, available, version,

SP-05	13/10/1999	3	.	1	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4
SP-06	23/12/1999	3	.	2	.	0	get it	<i>remarks - this release:</i>
SP-07	15/03/2000	3	.	3	.	0	get it	
SP-08	28/06/2000	3	.	4	.	0	get it	
SP-09	04/11/2000	3	.	5	.	0	get it	
SP-10	12/01/2001	3	.	6	.	0	get it	
SP-11	06/04/2001	3	.	7	.	0	get it	
SP-12	29/06/2001	3	.	8	.	0	get it	
SP-13	12/10/2001	3	.	9	.	0	get it	
SP-14	09/01/2002	3	.	10	.	0	get it	
edito		3	.	10	.	1		
SP-15	07/04/2002	3	.	11	.	0	get it	
SP-16	17/06/2002	3	.	12	.	0	get it	
SP-17	02/10/2002	3	.	13	.	0	get it	
SP-18	10/01/2003	3	.	14	.	0	get it	

TS 23.066 Support of GSM Mobile Number Portability (MNP) stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* LOPEZ SORIA, Luis Telefon AB LM Ericsson
freeze_meeting: SP-05 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-05	13/10/1999	3	.	1	.	0	get it	<i>remarks - general:</i> Transfer>TSG#4, CR at TSG#5
NP-07	15/03/2000	3	.	2	.	0	get it	<i>remarks - this release:</i>
NP-08	23/06/2000	3	.	3	.	0	get it	

TS 23.067 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2

R99 *current version:* 3.3.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it	<i>remarks - general:</i>
NP-07	15/03/2000	3	.	1	.	0	get it	<i>remarks - this release:</i>
NP-10	21/12/2000	3	.	2	.	0	get it	
NP-12	27/06/2001	3	.	3	.	0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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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

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-09	26/10/2000	3	.	3	.	0

WG (prime / other): N4 / -

G: yes U: yes

rapporteur: CONRAD, Alan

MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:

[get it](#) remarks - this release: .

[get it](#)

[get it](#)

TS 23.078 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 2

R99 current version: 3.16.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0
NP-05	13/10/1999	3	.	2	.	0
NP-06	17/12/1999	3	.	3	.	0
NP-07	15/03/2000	3	.	4	.	0
NP-08	23/06/2000	3	.	5	.	0
NP-09	09/10/2000	3	.	6	.	0
NP-10	04/01/2001	3	.	7	.	0
NP-11	02/04/2001	3	.	8	.	0
NP-12	29/06/2001	3	.	9	.	0
NP-13	03/10/2001	3	.	10	.	0
NP-14	04/01/2002	3	.	11	.	0
NP-15	19/03/2002	3	.	12	.	0
NP-16	17/06/2002	3	.	13	.	0
NP-17	17/09/2002	3	.	14	.	0
NP-18	18/12/2002	3	.	15	.	0
NP-19		3	.	16	.	0

WG (prime / other): N2 / -

G: yes U: yes

rapporteur: HOMANN, Christian

MCC: JURISIC, Andrijana

ALCATEL SEL AG

[get it](#) remarks - general: CR at TSG#4,CR at TSG#5

[get it](#) remarks - this release: Phase 3. TSG#7:Aprvl CRs 56r3 & 18 by e-mail by 31-mar-00.

[get it](#)

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.079 Support of Optimal Routeing (SOR); Technical realization; Stage 2

R99 *current version:* 3.8.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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](#)
NP-18 07/01/2003 3 . 8 . 0 [get it](#)

TS 23.081 Line Identification supplementary services; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-17 24/09/2002 3 . 2 . 0 [get it](#)

TS 23.082 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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

3GPP specification status

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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 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 23.084 MultiParty (MPTY) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.085 Closed User Group (CUG) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

TS 23.086 Advice of Charge (AoC) Supplementary Service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.087 User-to-User Signalling (UUS) supplementary service; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
edito 06/06/2000 3 . 0 . 1 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 1 . 0 [get it](#)

TS 23.088 Call Barring (CB) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.090 Unstructured Supplementary Service Data (USSD); Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* CROOK, Mick ORANGE PCS LTD
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-09 26/10/2000 3 . 2 . 0 [get it](#)

TS 23.091 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
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	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>				
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-09 26/10/2000 3 . 2 . 0	get it					
<hr/>							
TS 23.094	Follow Me Stage 2						
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-06 17/12/1999 3 . 0 . 0	get it	<i>remarks - general:</i> Transfer>TSG#4. GSM only @TSG#5				
	NP-07 15/03/2000 3 . 1 . 0	get it	<i>remarks - this release:</i> Transfer>TSG#6.				
	NP-09 26/10/2000 3 . 2 . 0	get it					
<hr/>							
TS 23.096	Name Identification Supplementary Service; Stage 2						
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	<i>freeze_meeting:</i> SP-03	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-03 23/04/1999 3 . 0 . 0	get it	<i>remarks - general:</i>				
	edito 06/06/2000 3 . 0 . 1	get it	<i>remarks - this release:</i> .				
<hr/>							
TS 23.097	Multiple Subscriber Profile (MSP) Phase 1; Stage 2						
R99	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> RUSSELL, Nick	VODAFONE LTD			
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> KYMALAINEN, Kimmo				
	<i>history (event, available, version,</i>						
	NP-05 13/10/1999 3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4,CR at TSG#5				
	NP-06 17/12/1999 3 . 1 . 0	get it	<i>remarks - this release:</i>				
	NP-07 15/03/2000 3 . 1 . 1	get it					

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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:	YOON, Sang-Ui		
	history (event, available, version,						
	First complete 13/06/1997			get it	remarks - general:		
	Transfer to SP SA 04/03/1999			get it	remarks - this release:		
	WG2						
	SP-03 23/04/1999			get it			
	SP-04 23/06/1999			get it			
	SP-10 21/12/2000			get it			
TS 23.107	Quality of Service (QoS) concept and architecture						
R99	current version: 3.9.0	WG (prime / other):	S2 / -	rapporteur:	GREIS, Marc	NOKIA Corporation	
	freeze_meeting: SP-05	G:	U: yes	MCC:	YOON, Sang-Ui		
	history (event, available, version,						
	SP-05 13/10/1999			get it	remarks - general: was 23.907		
	SP-06 17/12/1999			get it	remarks - this release:		
	SP-07 15/03/2000			get it			
	SP-08 28/06/2000			get it			
	SP-09 19/10/2000			get it			
	SP-10 22/12/2000			get it			
	SP-11 14/05/2001			get it			
	SP-14 07/01/2002			get it			
					CR072r1 erroneously implemented; anticipate correction at SP-15.		
	SP-15 07/04/2002			get it			
	SP-17 24/09/2002			get it			
TS 23.108	Mobile radio interface layer 3 specification core network protocols; Stage 2 (structured procedures)						
R99	current version: 3.2.0	WG (prime / other):	N1 / -	rapporteur:	DOIG, Ian	MOTOROLA S.A.S	
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	JORGENSEN, Per Johan		
	history (event, available, version,						
	NP-03 23/04/1999			get it	remarks - general: This is clause 7 from 04.08 ex R98.		
	NP-05 13/10/1999			get it	remarks - this release:		
	NP-04 23/06/1999			get it			
	NP-06 17/12/1999			get it			
	NP-07 15/03/2000			get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 23.110 UMTS Access Stratum Services and Functions

R99 current version: 3.4.0

freeze_meeting: SP-07

WG (prime / other): S2 / - rapporteur: LOPEZ-TORRES, Oscar T-MOBILE DEUTSCHLAND

G: yes U: yes MCC: YOON, Sang-Ui

history (event, available, version,

draft 15/02/1997 0 . 3 . 0

Transfer to SP S2 04/03/1999 0 . 3 . 1

SP-03 23/04/1999 3 . 1 . 0

SP-05 13/10/1999 3 . 2 . 0

SP-06 17/12/1999 3 . 3 . 0

SP-07 15/03/2000 3 . 4 . 0

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.116 Super-Charger technical realization; Stage 2

R99 current version: 3.2.0

freeze_meeting: SP-07

WG (prime / other): N4 / - rapporteur: ALLEN, Nicholas

Indicate persons who left Company and wait for new One

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

NP-04 30/04/1999 0 . 0 . 0

NP-06 17/12/1999 1 . 0 . 0

NP-07 15/03/2000 3 . 0 . 0

NP-12 27/06/2001 3 . 1 . 0

NP-14 10/01/2002 3 . 2 . 0

[get it](#) remarks - general: New after TSG#5

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

[get it](#)

TS 23.119 Gateway Location Register (GLR); Stage2

R99 current version: 3.0.0

freeze_meeting: SP-07

WG (prime / other): N4 / - rapporteur: SAWADA, Masahiro NTT DoCoMo Inc.

G: yes U: yes

MCC: KYMALAINEN, Kimmo

history (event, available, version,

draft 01/08/1999 0 . 1 . 0

draft 01/09/1999 0 . 2 . 0

draft 01/10/1999 0 . 3 . 0

draft 01/11/1999 0 . 4 . 0

draft 15/11/1999 0 . 5 . 0

N2b, Milan 28/02/2000 1 . 0 . 0

NP-07 21/11/2000 2 . 0 . 0

NP-10 09/01/2001 3 . 0 . 0

[get it](#) remarks - general: New after TSG#5

[get it](#) remarks - this release: Functionally frozen by CN#6, CN#7 is the new target for approval as part of R99

[get it](#)

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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

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

WG (prime / other): S2 / -

G: yes U: yes

rapporteur: DANIEL, Elizabeth

MCC: YOON, Sang-Ui

Lucent Technologies Network Systems UK

[get it](#) remarks - general:
[get it](#) remarks - this release:
[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: 3.9.0

freeze_meeting: SP-03

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0
NP-04	23/06/1999	3	.	1	.	0

editorial correction 10/02/2000 3 . 1 . 1

NP-07	15/03/2000	3	.	2	.	0
NP-08	23/06/2000	3	.	3	.	0
NP-09	06/10/2000	3	.	4	.	0
edito	24/10/2000	3	.	4	.	1
edito	02/11/2000	3	.	4	.	2
NP-10	02/01/2001	3	.	5	.	0
NP-11	11/04/2001	3	.	6	.	0
NP-12	05/07/2001	3	.	7	.	0
NP-17	17/09/2002	3	.	8	.	0
NP-18	18/12/2002	3	.	9	.	0

WG (prime / other): N1 / -

G: U: yes

rapporteur: HIETALAHTI, Hannu

MCC: JORGENSEN, Per Johan

NOKIA Corporation

[get it](#) remarks - general:
[get it](#) remarks - this release: Created at TSG#6, CR@TSG#6, Was briefly 23.022. But regenerated from 03.22 in June99. Expect 3.1.0 to correct erroneous incorporation of a CR. Expect 3.1.1 to undo erroneously incorporated CR.
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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:* YOON, Sang-Ui

history (event, available, version,
SP-05 13/10/1999 0 . 3 . 0 [get it](#) *remarks - general:* Sept 00: "Open Service Architecture" removed from title.
SP-07 2 . 0 . 0 SP-000089 *remarks - this release:*
SP-07 17/12/1999 3 . 0 . 0 [get it](#)
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-09 06/11/2000 3 . 2 . 0 [get it](#)
SP-10 21/12/2000 3 . 3 . 0 [get it](#)
SP-12 29/06/2001 3 . 4 . 0 [get it](#)

TS 23.135 Multicall supplementary service; Stage 2

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* MITAMURA, Kazuo NTT COMWARE Corporation
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
NP-07 15/03/2000 1 . 1 . 0 [get it](#) *remarks - general:*
NP-07 15/03/2000 3 . 0 . 0 [get it](#) *remarks - this release:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#)
NP-09 25/10/2000 3 . 2 . 0 [get it](#)

TS 23.140 Multimedia Messaging Service (MMS); Functional description; Stage 2

R99 *current version:* 3.1.0 *WG (prime / other):* T2 / - *rapporteur:* LAUMEN, Josef SIEMENS AG
freeze_meeting: SP-07 *G:* yes *U:* yes *MCC:* RODERMUND, Friedhelm

history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
TP-07 15/03/2000 2 . 0 . 0 TP-000028 [get it](#)
Editorial 15/03/2000 3 . 0 . 1 [get it](#)
TP-16 24/06/2002 3 . 1 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.171	Location Services (LCS); Functional description; Stage 2 (UMTS)						
R99	current version: 3.9.0	WG (prime / other):	S2 / -	rapporteur:	KÅLL, Jan	NOKIA Corporation	
	freeze_meeting: SP-07	G:	U: yes	MCC:	YOON, Sang-Ui		
	history (event, available, version,						
	SP-05 13/10/1999	1 . 0 . 0		get it	remarks - general:		
	SP-06 17/12/1999	1 . 1 . 0		get it	remarks - this release:		
	SP-07	2 . 0 . 0	SP-000090				
	SP-07 15/03/2000	3 . 0 . 0		get it			
	SP-08 28/06/2000	3 . 1 . 0		get it			
	SP-10 21/12/2000	3 . 2 . 0		get it			
	SP-11 11/04/2001	3 . 3 . 0		get it			
	SP-12 29/06/2001	3 . 4 . 0		get it			
	SP-13 15/10/2001	3 . 5 . 0		get it			
	SP-14 07/01/2002	3 . 6 . 0		get it			
	SP-15 29/03/2002	3 . 7 . 0		get it			
	SP-16 18/06/2002	3 . 8 . 0		get it			
	SP-17 24/09/2002	3 . 9 . 0		get it			
<hr/>							
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		get it	remarks - general: New after TSG#5		
	NP-06 17/12/1999	3 . 0 . 0		get it	remarks - this release: TSG #5: 3.0.0: accidentally 3.1.0, but no tech change.		
	editorial (!) 24/01/2000	3 . 1 . 0		get it			
<hr/>							
TR 23.908	Technical report on Pre-Paging						
R99	current version: 3.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB	
	freeze_meeting: SP-04	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo		
	history (event, available, version,						
	NP-03 23/04/1999	0 . 0 . 0		get it	remarks - general:		
	NP-04 23/06/1999	3 . 0 . 0		get it	remarks - this release: .		
	edito 02/05/2000	3 . 0 . 1		get it			

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	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD	
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	MCC:	Chalmers KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>				
	NP-03 23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-04 23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i> .	
	edito 03/05/2000	3 . 0 . 1	get it		
<hr/>					
TR 23.910	Circuit switched data bearer services				
R99	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> HUSLENDE, Ragnar	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-07	G: U: yes	MCC:	BOSWARTHICK, David	
	<i>history (event, available, version,</i>				
	NP-04 23/06/1999	0 . 0 . 0	get it	<i>remarks - general:</i> 03.10 GSM only @ TSG#5 Replaced by 3G Report 23.910(+post TSG#4 approval)	
	NP-05 13/10/1999	0 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-06 17/12/1999	1 . 0 . 0	get it		
	NP-07	2 . 0 . 0			
	NP-07 15/03/2000	3 . 0 . 0	get it		
	NP-08 23/06/2000	3 . 1 . 0	get it		
	NP-09 18/10/2000	3 . 2 . 0	get it		
	NP-10 22/12/2000	3 . 3 . 0	get it		
	NP-11 06/04/2001	3 . 4 . 0	get it		
	NP-12 28/06/2001	3 . 5 . 0	get it		
	NP-17 17/09/2002	3 . 6 . 0	get it		
<hr/>					
TR 23.911	Technical report on Out-of-band transcoder control				
R99	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	MCC:	KYMALAINEN, Kimmo	
	<i>history (event, available, version,</i>				
	Creation of WI by 13/10/1999	0 . 0 . 1	get it	<i>remarks - general:</i>	
	WG/TB			<i>remarks - this release:</i> .	
	NP-05 13/10/1999	3 . 0 . 0	get it		
	edito 02/05/2000	3 . 0 . 1	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TR 23.912	Technical report on Super-Charger					
R99	current version: 3.1.0	WG (prime / other): N4 / -	rapporteur: SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: SP-05	G: yes U: yes	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	Creation of WI by 13/10/1999	0 . 0 . 1	get it	remarks - general:		
	WG/TB			remarks - this release: .		
	NP-05 13/10/1999	3 . 0 . 0	get it			
	edito 02/05/2000	3 . 0 . 1	get it			
	edito 09/05/2000	3 . 0 . 2	get it			
	NP-14 10/01/2002	3 . 1 . 0	get it			

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN					
R99	current version: 3.0.0	WG (prime / other): S2 / -	rapporteur: HUBBARD, Elisabeth	TeliaSonera AB		
	freeze_meeting: SP-06	G: yes U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,					
	SP-03 23/04/1999	0 . 5 . 0	get it	remarks - general:		
	SP-04 23/06/1999	0 . 6 . 0	get it	remarks - this release: July 2001: (Sultan) contents out of date. Replaced by 23.228.		
	SP-05 15/10/1999	1 . 0 . 0	get it			
	SP-06 05/06/2000	3 . 0 . 0	get it			

TR 23.925	UMTS Core network based ATM transport					
R99	current version: 0.2.0	DRAFT	WG (prime / other): S2 / -	rapporteur: ROUZ, Adel	FUJITSU Laboratories of Europe Limited	
	freeze_meeting: SP-06		G: yes U: yes	MCC: YOON, Sang-Ui		
	history (event, available, version,					
	Table of Contents 22/04/1999	0 . 0 . 1	get it	remarks - general: Oct 00: S2 Secretary indicates this spec is out of date and should be withdrawn.		
	and Scope			remarks - this release: .		
	SP-03 23/04/1999	0 . 2 . 0	get it			

TR 23.930	Iu Principles					
R99	current version: 3.0.0	WG (prime / other): S2 / -	rapporteur: AXERUD, Bo	NOKIA TELECOMMUNICATIONS FINLAND		
	freeze_meeting: SP-04	G: U: yes	MCC: YOON, Sang-Ui			
	history (event, available, version,					
	Table of Contents 15/11/1997	0 . 1 . 1	get it	remarks - general:		
	and Scope			remarks - this release: .		
	First complete 01/04/1999	1 . 0 . 0	get it			
	SP-03 23/04/1999	1 . 2 . 1	get it			
	SP-04 23/06/1999	3 . 0 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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TR 23.972 Circuit switched multimedia telephony

R99 current version: 3.0.0
freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: FARHOUMAND, Ericsson Incorporated
Rouzbeh
G: U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

Start of work	21/10/1999	0	.	0	.	1
N1-08	21/10/1999	0	.	0	.	2
N1-09	09/12/1999	0	.	0	.	3
N1-08 revision	29/10/1999	0	.	0	.	3
NP-07	15/03/2000	3	.	0	.	0

[get it](#) remarks - general: New after TSG#5. Minor title change TSG#7.
[get it](#) remarks - this release:
[get it](#)
[get it](#)

R99

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Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.002 GSM-UMTS Public Land Mobile Network (PLMN) Access Reference Configuration

R99 current version: 3.1.0
freeze_meeting: SP-07

WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-07	17/03/2000	3	.	0	.	0
NP-10	02/01/2001	3	.	1	.	0

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 24.007 Mobile radio interface signalling layer 3; General Aspects

R99 current version: 3.9.0
freeze_meeting: SP-05

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: yes MCC: JORGENSEN, Per Johan

history (event, available, version,

NP-05	13/10/1999	3	.	1	.	0
NP-06	17/12/1999	3	.	2	.	0
NP-07	15/03/2000	3	.	3	.	0
edito	25/04/2000	3	.	3	.	1
NP-08	23/06/2000	3	.	4	.	0
NP-09	06/10/2000	3	.	5	.	0
NP-10	02/01/2001	3	.	6	.	0
NP-11	11/04/2001	3	.	7	.	0
NP-14	04/01/2002	3	.	8	.	0
NP-16	24/06/2002	3	.	9	.	0

[get it](#) remarks - general: Transfer>TSG#4,CR at TSG#5
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

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: 3.15.0

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		
NP-17	17/09/2002	3	.	13	.	0	get it		
NP-18	02/01/2003	3	.	14	.	0	get it		
NP-19		3	.	15	.	0			

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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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				<i>remarks - general:</i> Transfer>TSG#4		
	NP-06 17/12/1999				<i>remarks - this release:</i>		
	NP-07 15/03/2000						
	NP-08 23/06/2000						
	NP-09 06/10/2000						
	NP-10 02/01/2001						
	NP-11 06/04/2001						

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				<i>remarks - general:</i> CR at TSG#4 (post TSG#4 approval) includes title change. Old title: "Radio Link		
	NP-05 13/10/1999				<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						
	NP-08 23/06/2000						
	edito 17/08/2000						
	NP-09 12/10/2000						

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				<i>remarks - general:</i> TSG#7: txfrd from SMG to 3GPP for R99.		
	NP-08 23/06/2000				<i>remarks - this release:</i> TSG#7:Decision to create.		
	NP-12 27/06/2001						
	NP-14 10/01/2002						

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 24.067 Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3

R99 *current version:* 3.2.0 *WG (prime / other):* N4 / - *rapporteur:* SCHMITT, Peter SIEMENS AG
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-10 21/12/2000 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-12 27/06/2001 3 . 2 . 0 [get it](#)

TS 24.072 Call Deflection Supplementary Service; Stage 3

R99 *current version:* 3.0.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

TS 24.080 Mobile radio Layer 3 supplementary service specification; Formats and coding

R99 *current version:* 3.7.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-06 17/12/1999 3 . 1 . 0 [get it](#) *remarks - this release:*
NP-07 15/03/2000 3 . 2 . 0 [get it](#)
NP-08 23/06/2000 3 . 3 . 0 [get it](#)
NP-09 26/10/2000 3 . 4 . 0 [get it](#)
ASN.1 annex 24/01/2001 3 . 4 . 1 [get it](#)
updated
NP-12 04/07/2001 3 . 5 . 0 [get it](#)
NP-14 10/01/2002 3 . 6 . 0 [get it](#)
NP-16 21/06/2002 3 . 7 . 0 [get it](#)

TS 24.081 Line Identification Supplementary Service; Stage 3

R99 *current version:* 3.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:*
NP-08 23/06/2000 3 . 1 . 0 [get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 24 .- series
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TS 24.082	Call Forwarding supplementary service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release:	.
<hr/>						
TS 24.083	Call Waiting (CW) and Call Hold (HOLD) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE 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:	
					remarks - this release:	.
<hr/>						
TS 24.084	MultiParty (MPY) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release:	.
<hr/>						
TS 24.085	Closed User Group (CUG) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	NP-03 23/04/1999	3 . 0 . 0		get it	remarks - general:	
					remarks - this release:	.
<hr/>						
TS 24.086	Advice of Charge (AoC) Supplementary Service; Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	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:	.

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TS 24.087	User-to-User Signalling (UUS); Stage 3					
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: SP-03	G: yes U: yes		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,	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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	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
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TS 24.096 Name Identification Supplementary Service; Stage 3

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*
remarks - this release: .

TS 24.135 Multicall supplementary service; Stage 3

R99 *current version:* 3.2.0
freeze_meeting: SP-07
history (event, available, version,
NP-07 15/03/2000 3 . 0 . 0
NP-08 23/06/2000 3 . 1 . 0
NP-14 10/01/2002 3 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* MITAMURA, Kazuo
G: U: yes *MCC:* KYMALAINEN, Kimmo

NTT COMWARE Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

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Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.101 UE Radio transmission and reception (FDD)

R99 current version: 3.13.0

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

Editorial 15/03/2000 3 . 2 . 1

Editorial 25/04/2000 3 . 2 . 2

RP-08 23/06/2000 3 . 3 . 0

edito 31/07/2000 3 . 3 . 1

RP-09 13/10/2000 3 . 4 . 0

edito 10/11/2000 3 . 4 . 1

RP-10 02/01/2001 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 29/06/2001 3 . 7 . 0

RP-13 03/10/2001 3 . 8 . 0

RP-14 14/01/2002 3 . 9 . 0

RP-15 29/03/2002 3 . 10 . 0

RP-16 01/07/2002 3 . 11 . 0

RP-18 10/01/2003 3 . 12 . 0

RP-19 3 . 13 . 0

WG (prime / other): R4 / - rapporteur: FERNANDES, Edgar MOTOROLA Ltd
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.102 UTRA (UE) TDD; Radio transmission and reception

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 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

RP-17 02/10/2002 3 . 12 . 0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.104 UTRA (BS) FDD; Radio transmission and reception

R99 current version: 3.12.0

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

RP-18 10/01/2003 3 . 11 . 0

RP-19 3 . 12 . 0

WG (prime / other): R4 / - rapporteur: SKÖLD, Johan Telefon AB LM Ericsson

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.105 UTRA (BS) TDD: Radio transmission and reception

R99 current version: 3.13.0

freeze_meeting: SP-05

history (event, available, version,

First complete	04/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	11/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	29/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	16/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	01/07/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19		3	.	13	.	0

WG (prime / other): R4 / - rapporteur: KOTTKAMP, Meik SIEMENS AG

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
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TS 25.113 Base station and repeater electromagnetic compatibility (EMC)

R99 current version: 3.5.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-05	13/10/1999	1	.	2	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	13/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0

WG (prime / other): R4 / - rapporteur: BARNES, David DTI - Department of Trade and Industry

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[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 25.123 Requirements for support of radio resource management (TDD)

R99	<i>current version:</i> 3.12.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	GUERRINI, Claudio	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version,</i>						
RP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>		
RP-07	17/03/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>		
edito	27/04/2000	3 . 1 . 1	get it			
RP-08	23/06/2000	3 . 2 . 0	get it			
RP-09	11/10/2000	3 . 3 . 0	get it			
RP-10	22/12/2000	3 . 4 . 0	get it			
RP-11	05/04/2001	3 . 5 . 0	get it			
RP-12	29/06/2001	3 . 6 . 0	get it			
RP-13	03/10/2001	3 . 7 . 0	get it			
RP-14	16/01/2002	3 . 8 . 0	get it			
RP-15	19/03/2002	3 . 9 . 0	get it			
RP-16	03/07/2002	3 . 10 . 0	get it			
RP-17	04/10/2002	3 . 11 . 0	get it			
RP-19		3 . 12 . 0	get it			

TS 25.133 Requirements for support of radio resource management (FDD)

R99	<i>current version:</i> 3.13.0	WG (prime / other):	R4 / -	<i>rapporteur:</i>	GUERRINI, Claudio	TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version,</i>						
RP-06	17/12/1999	3 . 0 . 0	get it	<i>remarks - general:</i>		
RP-07	17/03/2000	3 . 1 . 0	get it	<i>remarks - this release:</i>		
RP-08	23/06/2000	3 . 2 . 0	get it			
RP-09	18/10/2000	3 . 3 . 0	get it			
RP-10	09/01/2001	3 . 4 . 0	get it			
RP-11	05/04/2001	3 . 5 . 0	get it			
RP-12	29/06/2001	3 . 6 . 0	get it			
RP-13	03/10/2001	3 . 7 . 0	get it			
RP-14	17/01/2002	3 . 8 . 0	get it			
RP-15	19/03/2002	3 . 9 . 0	get it			
RP-16	04/07/2002	3 . 10 . 0	get it			
RP-17	04/10/2002	3 . 11 . 0	get it			
RP-18	10/01/2003	3 . 12 . 0	get it			
RP-19		3 . 13 . 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 25.141 Base station conformance testing (FDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

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

RP-17 04/10/2002 3 . 11 . 0

RP-18 10/01/2003 3 . 12 . 0

RP-19 3 . 13 . 0

WG (prime / other): R4 / - rapporteur: NAKAMURA, Takaharu Fujitsu Limited

G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

[get it](#) remarks - general:
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.142 Base station conformance testing (TDD)

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	23/06/1999	0	.	0	.	1
RP-05	13/10/1999	2	.	0	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
edito	31/07/2000	3	.	2	.	1
RP-09	11/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
RP-11	05/04/2001	3	.	5	.	0
RP-12	29/06/2001	3	.	6	.	0
RP-13	03/10/2001	3	.	7	.	0
RP-14	16/01/2002	3	.	8	.	0
RP-15	29/03/2002	3	.	9	.	0
RP-16	04/07/2002	3	.	10	.	0
RP-17	04/10/2002	3	.	11	.	0
RP-18	10/01/2003	3	.	12	.	0
RP-19		3	.	13	.	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:

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: SASAKI, Tsukasa

[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 R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.211 Physical channels and mapping of transport channels onto physical channels (FDD)

R99	<i>current version:</i> 3.12.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	WILDE, Andreas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version, and Scope)</i>						
Table of Contents	04/02/1999	0	.	0	.	0
First complete	04/03/1999	1	.	0	.	0
RP-03	23/04/1999	2	.	0	.	0
RP-04	23/06/1999	2	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	27/09/2002	3	.	12	.	0

[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 25.212 Multiplexing and channel coding (FDD)

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

RP-03 23/04/1999 1 . 0 . 0

RP-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-14 09/01/2002 3 . 8 . 0

RP-15 29/03/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

RP-17 27/09/2002 3 . 11 . 0

WG (prime / other): R1 / - rapporteur: TANAKA, Yoshinori

G: U: yes MCC: SASAKI, Tsukasa

Fujitsu Limited

[get it](#) remarks - general:
remarks - this release:

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TS 25.213 Spreading and modulation (FDD)

R99 current version: 3.8.0

freeze_meeting: SP-05

history (event, available, version,

draft 04/02/1999 0 . 0 . 0

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-10 22/12/2000 3 . 4 . 0

RP-11 05/04/2001 3 . 5 . 0

RP-12 28/06/2001 3 . 6 . 0

RP-14 09/01/2002 3 . 7 . 0

RP-16 28/06/2002 3 . 8 . 0

WG (prime / other): R1 / - rapporteur: CHAMBERS, Peter

G: U: yes MCC: SASAKI, Tsukasa

SIEMENS AG

[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 25.214 Physical layer procedures (FDD)

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

RP-03	23/04/1999	1	.	0	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0
RP-19		3	.	12	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

[get it](#) remarks - general:
[get it](#) remarks - this release:

TS 25.215 Physical layer; Measurements (FDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

RP-05	13/10/1999	3	.	0	.	0
RP-06	12/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	18/10/2000	3	.	4	.	0
RP-10	22/12/2000	3	.	5	.	0
RP-11	05/04/2001	3	.	6	.	0
RP-12	28/06/2001	3	.	7	.	0
RP-13	08/10/2001	3	.	8	.	0
RP-14	09/01/2002	3	.	9	.	0
RP-15	29/03/2002	3	.	10	.	0
RP-17	27/09/2002	3	.	11	.	0

WG (prime / other): R1 / -

G: U: yes

rapporteur: IKEDA, Shinobu

MCC: SASAKI, Tsukasa

NEC Corporation

[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 R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.221 Physical channels and mapping of transport channels onto physical channels (TDD)

R99	<i>current version:</i> 3.11.0	WG (prime / other):	R1 / -	<i>rapporteur:</i>	HIRAMATSU, Katsuhiko	Panasonic Mobile Communications Co.,Ltd.
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	SASAKI, Tsukasa	
<i>history (event, available, version,</i>						
Table of Contents	04/02/1999	0 . 0 . 0		get it	<i>remarks - general:</i>	
and Scope					<i>remarks - this release:</i>	
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		
RP-17	27/09/2002	3 . 11 . 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 25.222 Multiplexing and channel coding (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-04 23/06/1999 2 . 0 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

edito 03/05/2000 3 . 2 . 1

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-13 08/10/2001 3 . 7 . 0

RP-15 29/03/2002 3 . 8 . 0

RP-16 28/06/2002 3 . 9 . 0

RP-17 27/09/2002 3 . 10 . 0

WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi
G: U: yes MCC: SASAKI, Tsukasa

Nokia Japan Co. Ltd

[get it](#) remarks - general:
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 25.223 Spreading and modulation (TDD)

R99 *current version:* 3.8.0
freeze_meeting: SP-05

WG (prime / other): R1 / - *rapporteur:* VACANT,
G: U: yes *MCC:* SASAKI, Tsukasa

history (event, available, version,
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

[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 25.224 Physical layer procedures (TDD)

R99 current version: 3.12.0

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

RP-17 27/09/2002 3 . 11 . 0

RP-18 07/01/2003 3 . 12 . 0

WG (prime / other): R1 / - rapporteur: OESTREICH, Stefan SIEMENS AG
G: U: yes MCC: SASAKI, Tsukasa

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TS 25.225 Physical layer; Measurements (TDD)

R99 current version: 3.11.0

freeze_meeting: SP-05

history (event, available, version,

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 18/10/2000 3 . 4 . 0

RP-10 22/12/2000 3 . 5 . 0

RP-11 05/04/2001 3 . 6 . 0

RP-12 28/06/2001 3 . 7 . 0

RP-13 08/10/2001 3 . 8 . 0

RP-14 09/01/2002 3 . 9 . 0

RP-16 28/06/2002 3 . 10 . 0

RP-17 27/09/2002 3 . 11 . 0

WG (prime / other): R1 / - rapporteur: IKEDA, Shinobu NEC Corporation
G: U: yes MCC: SASAKI, Tsukasa

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[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 25.301 Radio Interface Protocol Architecture

R99 current version: 3.11.0

freeze_meeting: SP-03

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

RP-17 18/09/2002 3 . 11 . 0

WG (prime / other): R2 / -

G: U: yes

rapporteur:

MCC:

GRANZOW, Wolfgang

ARZELIER, Claude

ERICSSON Eurolab Deutschland GmbH

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remarks - general:

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 3.15.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 2 . 3 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 4 . 0

RP-08 23/06/2000 3 . 5 . 0

RP-09 16/10/2000 3 . 6 . 0

RP-10 20/12/2000 3 . 7 . 0

RP-11 27/03/2001 3 . 8 . 0

RP-12 19/06/2001 3 . 9 . 0

RP-13 02/10/2001 3 . 10 . 0

RP-14 04/01/2002 3 . 11 . 0

RP-15 19/03/2002 3 . 12 . 0

RP-16 17/06/2002 3 . 13 . 0

RP-17 18/09/2002 3 . 14 . 0

RP-18 20/12/2002 3 . 15 . 0

WG (prime / other): R2 / - rapporteur: MIHAILESCU, Claudiu NORTEL NETWORKS (EUROPE)
G: U: yes MCC: ARZELIER, Claude

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remarks - general:

V3.0.0 approved via e-mail July 99 CR at TSG#5?

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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

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

WG (prime / other): R2 / - rapporteur: RINNE, Mikko J
G: U: yes MCC: ARZELIER, Claude

Nokia Research Center

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.304 UE Procedures in Idle Mode and Procedures for Cell Reselection in Connected Mode

R99 current version: 3.12.0 WG (prime / other): R2 / - rapporteur: MAHKONEN, Marko NOKIA Corporation
freeze_meeting: SP-05 G: U: yes MCC: ARZELIER, Claude

history (event, available, version,

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
RP-18	08/01/2003	3	.	12	.	0

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[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

[get it](#) remarks - general: Created from 25.923
[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 25.306 UE Radio Access capabilities definition

R99 *current version:* 3.7.0 *WG (prime / other):* R2 / - *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-10	22/12/2000	3	.	0	.	0	get it	<i>remarks - general:</i> Converted from TR 25.926 at TSG#10.
RP-11	27/03/2001	3	.	1	.	0	get it	<i>remarks - this release:</i> 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	
RP-18	08/01/2003	3	.	7	.	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	<i>remarks - general:</i> 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	<i>remarks - this release:</i> 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: 3.15.0

freeze_meeting: TP-04

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0

and Scope

draft 04/03/1999 1 . 0 . 0

RP-03 23/04/1999 2 . 0 . 0

RP-04 23/06/1999 3 . 0 . 0

RP-05 13/10/1999 3 . 1 . 0

RP-06 12/12/1999 3 . 2 . 0

RP-07 15/03/2000 3 . 3 . 0

RP-08 23/06/2000 3 . 4 . 0

RP-09 16/10/2000 3 . 5 . 0

RP-10 20/12/2000 3 . 6 . 0

RP-11 27/03/2001 3 . 7 . 0

RP-12 19/06/2001 3 . 8 . 0

RP-13 02/10/2001 3 . 9 . 0

RP-14 04/01/2002 3 . 10 . 0

RP-15 19/03/2002 3 . 11 . 0

RP-16 17/06/2002 3 . 12 . 0

RP-17 18/09/2002 3 . 13 . 0

RP-18 08/01/2003 3 . 14 . 0

RP-19 3 . 15 . 0

WG (prime / other): R2 / -

G: U: yes

rapporteur: NEMETHOVA, Olivia

MCC: ARZELIER, Claude

SIEMENS AG

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remarks - general:

remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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: 3.14.0
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 and Scope

Table of Contents	04/02/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	0
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	16/10/2000	3	.	4	.	0
RP-10	20/12/2000	3	.	5	.	0
RP-11	27/03/2001	3	.	6	.	0
RP-12	19/06/2001	3	.	7	.	0
RP-13	03/10/2001	3	.	8	.	0
RP-14	04/01/2002	3	.	9	.	0
RP-15	19/03/2002	3	.	10	.	0
RP-16	17/06/2002	3	.	11	.	0
RP-17	19/09/2002	3	.	12	.	0
RP-18	10/01/2003	3	.	13	.	0
RP-19		3	.	14	.	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 25.323 Packet Data Convergence Protocol (PDCP) specification

R99 *current version:* 3.10.0

freeze_meeting: SP-06

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	06/10/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-12	19/06/2001	3	.	5	.	0
RP-13	02/10/2001	3	.	6	.	0
RP-14	04/01/2002	3	.	7	.	0
RP-15	19/03/2002	3	.	8	.	0
RP-16	17/06/2002	3	.	9	.	0
RP-17	18/09/2002	3	.	10	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: HANS, Martin

MCC: ARZELIER, Claude

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 25.324 Broadcast/Multicast Control (BMC)

R99 *current version:* 3.7.0

freeze_meeting: SP-06

history (event, available, version,

RP-05	13/10/1999	0	.	1	.	0
RP-06	17/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-09	06/10/2000	3	.	2	.	0
RP-10	20/12/2000	3	.	3	.	0
RP-11	27/03/2001	3	.	4	.	0
RP-16	17/06/2002	3	.	5	.	0
RP-18	13/01/2003	3	.	6	.	0
RP-19		3	.	7	.	0

WG (prime / other): R2 / -

G: U: yes

rapporteur: HARTL, Mike

MCC: ARZELIER, Claude

Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN 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 25.331 Radio Resource Control (RRC) protocol specification

R99 current version: 3.14.0

freeze_meeting: SP-05

history (event, available, version,

Table of Contents 04/02/1999 0 . 0 . 0
and Scope

First complete 04/03/1999 1 . 0 . 0

RP-04 23/06/1999 1 . 1 . 0

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-08 23/06/2000 3 . 3 . 0

RP-09 06/10/2000 3 . 4 . 0

removal of CR 06/10/2000 3 . 4 . 1

RP-10 21/12/2000 3 . 5 . 0

RP-11 27/03/2001 3 . 6 . 0

RP-12 27/06/2001 3 . 7 . 0

RP-13 01/10/2001 3 . 8 . 0

RP-14 04/01/2002 3 . 9 . 0

RP-15 25/03/2002 3 . 10 . 0

RP-16 17/06/2002 3 . 11 . 0

RP-17 18/09/2002 3 . 12 . 0

RP-18 09/01/2003 3 . 13 . 0

RP-19 3 . 14 . 0

WG (prime / other): R2 / - rapporteur: KUCHIBHOTLA, Ravi MOTOROLA Ltd
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

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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 NORTEL NETWORKS (EUROPE)
G: U: yes *MCC:* KRAUSE, Joern

[get it](#) *remarks - general:* Approval at TSG#5
remarks - this release:

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TS 25.402 Synchronisation in UTRAN Stage 2

R99 *current version:* 3.10.0
freeze_meeting: SP-06
history (event, available, version,
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 Indicate persons who left Company and wait for new
G: U: yes *MCC:* KRAUSE, Joern One

[get it](#) *remarks - general:* New
remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.410 UTRAN Iu Interface: General Aspects and Principles

R99 current version: 3.8.0

freeze_meeting: SP-05

WG (prime / other): R3 / - rapporteur: TOWNEND, Richard mmO2 plc

G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

draft 04/03/1999 0 . 0 . 0

RP-03 23/04/1999 0 . 1 . 0

RP-04 23/06/1999 0 . 2 . 1

RP-05 13/10/1999 3 . 0 . 0

RP-06 12/12/1999 3 . 1 . 0

RP-07 15/03/2000 3 . 2 . 0

RP-10 21/12/2000 3 . 3 . 0

RP-12 06/07/2001 3 . 4 . 0

RP-13 12/10/2001 3 . 5 . 0

RP-14 11/01/2002 3 . 6 . 0

RP-16 28/06/2002 3 . 7 . 0

RP-17 30/09/2002 3 . 8 . 0

[get it](#) remarks - general: Approval at TSG#5

[get it](#) remarks - this release:

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TS 25.411 UTRAN Iu interface layer 1

R99 current version: 3.5.0

freeze_meeting: SP-04

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V. SIEMENS AG

G: U: yes MCC: KRAUSE, Joern

history (event, available, version,

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

RadioScape Limited

[get it](#) remarks - general:
remarks - this release:

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TS 25.413 UTRAN Iu interface RANAP signalling

R99 current version: 3.12.0

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

RP-17 30/09/2002 3 . 11 . 0

edito post RP-17 03/10/2002 3 . 11 . 1

RP-18 03/01/2003 3 . 12 . 0

WG (prime / other): R3 / - rapporteur: JUSSILA, Jyrki

G: U: yes MCC: KRAUSE, Joern

NOKIA Corporation

[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 25.414 UTRAN Iu interface data transport & transport signalling

R99 current version: 3.13.0

freeze_meeting: SP-04

history (event, available, version,

draft	04/02/1999	0	.	0	.	0
draft	04/03/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0
RP-06	12/12/1999	3	.	2	.	0
RP-07	15/03/2000	3	.	3	.	0
RP-08	23/06/2000	3	.	4	.	0
RP-09	05/10/2000	3	.	5	.	0
RP-10	21/12/2000	3	.	6	.	0
RP-11	06/04/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	02/04/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19		3	.	13	.	0

WG (prime / other): R3 / - rapporteur: COMSTOCK, David Telefon AB LM Ericsson
G: U: yes MCC: KRAUSE, Joern

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.415 UTRAN Iu interface user plane protocols

R99 current version: 3.12.0

freeze_meeting: SP-05

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	0	.	1	.	0
RP-04	23/06/1999	0	.	1	.	3
RP-05	13/10/1999	3	.	0	.	0
RP-06	17/12/1999	3	.	1	.	0
RP-07	15/03/2000	3	.	2	.	0
RP-08	23/06/2000	3	.	3	.	0
RP-09	05/10/2000	3	.	4	.	0
RP-10	21/12/2000	3	.	5	.	0
RP-11	06/04/2001	3	.	6	.	0
RP-12	06/07/2001	3	.	7	.	0
RP-13	12/10/2001	3	.	8	.	0
RP-14	14/01/2002	3	.	9	.	0
RP-15	25/03/2002	3	.	10	.	0
RP-16	28/06/2002	3	.	11	.	0
RP-17	26/09/2002	3	.	12	.	0

WG (prime / other): R3 / - rapporteur: MAUPIN, Alain
G: U: yes MCC: KRAUSE, Joern

Telefon AB LM Ericsson

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TS 25.419 UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP)

R99 current version: 3.10.0

freeze_meeting: SP-07

history (event, available, version,

RP-06	17/12/1999	0	.	0	.	0
RP-07		2	.	0	.	0
RP-07	15/03/2000	3	.	0	.	0
RP-08	23/06/2000	3	.	1	.	0
RP-09	05/10/2000	3	.	2	.	0
RP-10	21/12/2000	3	.	3	.	0
RP-11	06/04/2001	3	.	4	.	0
RP-12	06/07/2001	3	.	5	.	0
RP-13	12/10/2001	3	.	6	.	0
RP-14	11/01/2002	3	.	7	.	0
RP-15	02/04/2002	3	.	8	.	0
RP-16	28/06/2002	3	.	9	.	0
RP-17	30/09/2002	3	.	10	.	0

WG (prime / other): R3 / - rapporteur: TAYLOR, Carolyn
G: U: yes MCC: KRAUSE, Joern

MOTOROLA Ltd

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G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.420 UTRAN lur Interface: General Aspects and Principles

R99 current version: 3.5.0
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran RadioScape Limited
G: U: yes MCC: KRAUSE, Joern

RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 0 . 1 . 3
RP-05 13/10/1999 1 . 0 . 1
RP-06 12/12/1999 3 . 0 . 0
RP-07 15/03/2000 3 . 1 . 0
RP-09 05/10/2000 3 . 2 . 0
RP-11 05/04/2001 3 . 3 . 0
RP-14 11/01/2002 3 . 4 . 0
RP-15 02/04/2002 3 . 5 . 0

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TS 25.421 UTRAN lur interface Layer 1

R99 current version: 3.1.0
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V. SIEMENS AG
G: U: yes MCC: KRAUSE, Joern

RP-03 23/04/1999 0 . 0 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-11 06/04/2001 3 . 1 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.422 UTRAN lur interface signalling transport

R99 current version: 3.6.1
freeze_meeting: SP-04
history (event, available, version,

WG (prime / other): R3 / - rapporteur: THAKARE, Kiran RadioScape Limited
G: U: yes MCC: KRAUSE, Joern

WG approval 19/03/1999 0 . 0 . 0
RP-03 23/04/1999 0 . 1 . 0
RP-04 23/06/1999 3 . 0 . 0
RP-05 13/10/1999 3 . 1 . 0
RP-06 12/12/1999 3 . 2 . 0
RP-07 15/03/2000 3 . 3 . 0
RP-08 23/06/2000 3 . 4 . 0
edito 05/10/2000 3 . 4 . 1
RP-10 21/12/2000 3 . 5 . 0
RP-14 11/01/2002 3 . 6 . 0
edito post RP-14 02/04/2002 3 . 6 . 1

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.423 UTRAN Iur interface RNSAP signalling

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

draft	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	1	.	1
RP-05	13/10/1999	1	.	4	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	02/01/2001	3	.	4	.	0
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	02/04/2002	3	.	9	.	0
RP-16	05/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19		3	.	13	.	0

WG (prime / other): R3 / -

G: U: yes

rapporteur: RUNE, Göran

MCC: KRAUSE, Joern

Ericsson AB

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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 25.424 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

3GPP specification status

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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: 3.10.0	WG (prime / other): R3 / -	rapporteur: LONGONI, Fabio	NOKIA TELECOMMUNICATIONS FINLAND		
	freeze_meeting: SP-05	G: U: yes	MCC: KRAUSE, Joern			
	history (event, available, version,					
	RP-03 23/04/1999	0 . 1 . 0	get it	remarks - general:		
	RP-04 23/06/1999	0 . 2 . 1	get it	remarks - this release:		
	RP-05 13/10/1999	3 . 0 . 0	get it			
	RP-06 12/12/1999	3 . 1 . 0	get it			
	RP-07 15/03/2000	3 . 2 . 0	get it			
	RP-08 23/06/2000	3 . 3 . 0	get it			
	RP-09 05/10/2000	3 . 4 . 0	get it			
	RP-10 21/12/2000	3 . 5 . 0	get it			
	RP-11 06/04/2001	3 . 6 . 0	get it			
	RP-12 06/07/2001	3 . 7 . 0	get it			
	RP-13 12/10/2001	3 . 8 . 0	get it			
	RP-14 11/01/2002	3 . 9 . 0	get it			
	RP-18 03/01/2003	3 . 10 . 0	get it			

G = required in systems with GERAN 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 25.430 UTRAN lub Interface: General Aspects and Principles

R99 current version: 3.8.0

freeze_meeting: SP-06

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

WG (prime / other): R3 / - rapporteur: WILSON, Mick
G: U: yes MCC: KRAUSE, Joern

FUJITSU Laboratories of Europe Limited

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TS 25.431 UTRAN lub interface Layer 1

R99 current version: 3.1.0

freeze_meeting: SP-04

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
Creation of WI by	15/01/1999	0	.	0	.	0
WG/TB						
RP-04	23/06/1999	3	.	0	.	0
RP-11	06/04/2001	3	.	1	.	0

WG (prime / other): R3 / - rapporteur: BRANDT, Achim V.
G: U: yes MCC: KRAUSE, Joern

SIEMENS AG

[get it](#) remarks - general:
[get it](#) remarks - this release:
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TS 25.432 UTRAN lub interface: signalling transport

R99 current version: 3.1.0

freeze_meeting: SP-04

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	3	.	0	.	0
RP-05	13/10/1999	3	.	1	.	0

WG (prime / other): R3 / - rapporteur: WILSON, Mick
G: U: yes MCC: KRAUSE, Joern

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[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 25.433 UTRAN lub interface NBAP signalling

R99 current version: 3.13.0

freeze_meeting: SP-06

history (event, available, version,

WG approval	19/03/1999	0	.	0	.	0
RP-03	23/04/1999	1	.	0	.	0
RP-04	23/06/1999	1	.	0	.	2
RP-05	13/10/1999	1	.	3	.	0
RP-06	12/12/1999	3	.	0	.	0
RP-07	15/03/2000	3	.	1	.	0
RP-08	23/06/2000	3	.	2	.	0
RP-09	05/10/2000	3	.	3	.	0
RP-10	22/12/2000	3	.	4	.	0
edito	01/02/2001	3	.	4	.	1
RP-11	06/04/2001	3	.	5	.	0
RP-12	06/07/2001	3	.	6	.	0
RP-13	12/10/2001	3	.	7	.	0
RP-14	11/01/2002	3	.	8	.	0
RP-15	04/04/2002	3	.	9	.	0
RP-16	19/07/2002	3	.	10	.	0
RP-17	30/09/2002	3	.	11	.	0
RP-18	03/01/2003	3	.	12	.	0
RP-19		3	.	13	.	0

WG (prime / other): R3 / - rapporteur: ISHIKAWA, Nobutaka NTT DoCoMo Inc
G: U: yes MCC: KRAUSE, Joern

[get it](#) remarks - general:
[get it](#) remarks - this release:

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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 25.434 UTRAN lub interface data transport & transport signalling for CCH data streams

R99 *current version:* 3.8.0 *WG (prime / other):* R3 / - *rapporteur:* ALDEN, Magnus TeliaSonera AB
freeze_meeting: SP-04 *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 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-09 05/10/2000 3 . 3 . 0 [get it](#)
RP-10 21/12/2000 3 . 4 . 0 [get it](#)
RP-11 06/04/2001 3 . 5 . 0 [get it](#)
RP-14 11/01/2002 3 . 6 . 0 [get it](#)
RP-15 02/04/2002 3 . 7 . 0 [get it](#)
RP-16 28/06/2002 3 . 8 . 0 [get it](#)

TS 25.435 UTRAN lub interface user plane protocols for CCH data streams

R99 *current version:* 3.10.0 *WG (prime / other):* R3 / - *rapporteur:* CALMEL, Jean-Marie NORTEL NETWORKS (EUROPE)
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 10/10/2000 3 . 4 . 0 [get it](#)
RP-10 21/12/2000 3 . 5 . 0 [get it](#)
RP-11 06/04/2001 3 . 6 . 0 [get it](#)
RP-12 06/07/2001 3 . 7 . 0 [get it](#)
RP-13 12/10/2001 3 . 8 . 0 [get it](#)
RP-14 11/01/2002 3 . 9 . 0 [get it](#)
RP-15 02/04/2002 3 . 10 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 25.442	UTRAN implementation-specific O&M transport				
R99	current version: 3.1.0	WG (prime / other):	R3 / -	rapporteur:	RECKER, Stephan
	freeze_meeting: SP-05				Indicate persons who left Company and wait for new One
	history (event, available, version,	G:	U: yes	MCC:	KRAUSE, Joern
	RP-03 23/04/1999 0 . 0 . 0				
	RP-04 23/06/1999 0 . 0 . 2				
	RP-05 13/10/1999 3 . 0 . 0				
	RP-07 15/03/2000 3 . 1 . 0				
		get it	remarks - general:		
		get it	remarks - this release:		
		get it			
		get it			
<hr/>					
TR 25.832	Manifestations of Handover and SRNS relocation				
R99	current version: 3.0.0	WG (prime / other):	R3 / -	rapporteur:	TOWNEND, Richard
	freeze_meeting: SP-05	G:	U: yes	MCC:	KRAUSE, Joern
	history (event, available, version,				mmO2 plc
	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				
		get it	remarks - general:		
		get it	remarks - this release:		
		get it			
		get it			
<hr/>					
TR 25.833	Physical layer items not for inclusion in Release 99				
R99	current version: 1.1.0	WG (prime / other):	R1 / -	rapporteur:	IKEDA, Shinobu
	freeze_meeting: SP-06	G:	U: yes	MCC:	SASAKI, Tsukasa
	history (event, available, version,				NEC Corporation
	RP-08 12/01/2001 1 . 1 . 0				
		get it	remarks - general:	Created Jan 2000 (aka R1.03)	
			remarks - this release:		
<hr/>					
TR 25.853	Delay budget within the access stratum				
R99	current version: 3.1.0	WG (prime / other):	R3 / -	rapporteur:	DELL'ACQUA, Massimo
	freeze_meeting: RP-11				Indicate persons who left Company and wait for new One
	history (event, available, version,	G:	U: yes	MCC:	KRAUSE, Joern
	draft 06/04/2001 0 . 0 . 0				
	RP-10 22/12/2000 3 . 0 . 0				
	RP-11 06/04/2001 3 . 1 . 0				
		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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TR 25.921 Guidelines and principles for protocol description and error handling

R99	<i>current version:</i> 3.8.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> KALLA, Gairn	NOKIA UK Ltd
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version,</i>				
Table of Contents	04/02/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
and Scope				<i>remarks - this release:</i>
RP-03	23/04/1999	1 . 0 . 0	get it	
RP-05	13/10/1999	1 . 3 . 0	get it	
RP-06	12/12/1999	3 . 0 . 0	get it	
RP-07	15/03/2000	3 . 1 . 0	get it	
RP-10	20/12/2000	3 . 2 . 0	get it	
RP-11	27/03/2001	3 . 3 . 0	get it	
RP-12	19/06/2001	3 . 4 . 0	get it	
RP-13	02/10/2001	3 . 5 . 0	get it	
RP-14	04/01/2002	3 . 6 . 0	get it	
RP-15	19/03/2002	3 . 7 . 0	get it	
RP-18	13/01/2003	3 . 8 . 0	get it	

TR 25.922 Radio Resource Management Strategies

R99	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> BULDORINI, Andrea	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> ARZELIER, Claude	
<i>history (event, available, version,</i>				
First complete	04/03/1999	0 . 0 . 0	get it	<i>remarks - general:</i>
RP-03	23/04/1999	0 . 1 . 1	get it	<i>remarks - this release:</i>
RP-04	23/06/1999	0 . 2 . 0	get it	
RP-05	13/10/1999	0 . 5 . 0	get it	
RP-06	12/12/1999	3 . 0 . 0	get it	
RP-07	15/03/2000	3 . 1 . 0	get it	
RP-08	23/06/2000	3 . 2 . 0	get it	
RP-09	16/10/2000	3 . 3 . 0	get it	
RP-10	20/12/2000	3 . 4 . 0	get it	
RP-11	27/03/2001	3 . 5 . 0	get it	
RP-13	02/10/2001	3 . 6 . 0	get it	
RP-15	19/03/2002	3 . 7 . 0	get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.925 Radio Interface for Broadcast/Multicast Services

R99 current version: 3.4.0

freeze_meeting: SP-06

history (event, available, version,

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

WG (prime / other): R2 / - rapporteur: KRISCHAN, Peter
G: U: yes MCC: ARZELIER, Claude

Vodafone D2 GmbH

[get it](#) remarks - general:
[get it](#) remarks - this release:

TR 25.931 UTRAN Functions, examples on signalling procedures

R99 current version: 3.7.0

freeze_meeting: SP-07

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-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

RP-000125

WG (prime / other): R3 / - rapporteur: CASALINO, Francesco
G: U: yes MCC: KRAUSE, Joern

TELECOM ITALIA S.p.A.

[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 25 .- series
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TR 25.941	Document structure								
R99	current version: 3.1.0			WG (prime / other): R4 / -	rapporteur: TAKAMI, Tadao	NTT DoCoMo Inc			
	freeze_meeting: RP-06			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0 . 1	get it	remarks - general:				
	RP-04 23/06/1999	1	. 0 . 0	get it	remarks - this release:				
	RP-05 13/10/1999	3	. 0 . 0	get it					
	RP-06 17/12/1999	3	. 1 . 0	get it					

TR 25.942	RF system scenarios								
R99	current version: 3.3.0			WG (prime / other): R4 / -	rapporteur: BENABDALLAH, Nadia	Vodafone Omnitel N.V			
	freeze_meeting: SP-11			G: U: yes	MCC: GUTIERREZ MIGUELEZ, Cesar				
	history (event, available, version,								
	RP-03 23/04/1999	0	. 0 . 2	get it	remarks - general:	Additional rapporteur = A.De Pasquale.			
	RP-04 23/06/1999	1	. 0 . 0	get it	remarks - this release:				
	RP-05 13/10/1999	2	. 0 . 0	get it					
	RP-06 12/12/1999	2	. 1 . 1	get it					
	RP-07 15/03/2000	2	. 1 . 3	get it					
	RP-09 26/10/2000	2	. 3 . 0	get it					
	RP-11 10/04/2001	3	. 0 . 0	get it					
	RP-12 03/07/2001	3	. 1 . 0	get it					
	RP-14 14/01/2002	3	. 2 . 0	get it					
	RP-16 03/07/2002	3	. 3 . 0	get it					

TR 25.944	Channel coding and multiplexing examples								
R99	current version: 3.5.0			WG (prime / other): R1 / -	rapporteur: IKEDA, Shinobu	NEC Corporation			
	freeze_meeting: SP-07			G: U: yes	MCC: SASAKI, Tsukasa				
	history (event, available, version,								
	editor's draft 25/11/1999	0	. 0 . 1	get it	remarks - general:	Created Jan 2000 (aka R1.04)			
	R1-09 15/12/1999	1	. 0 . 0	get it	remarks - this release:				
	RP-07 16/03/2000	3	. 0 . 0	get it					
	RP-08 23/06/2000	3	. 1 . 0	get it					
	RP-09 18/10/2000	3	. 2 . 0	get it					
	RP-10 22/12/2000	3	. 3 . 0	get it					
	RP-11 06/04/2001	3	. 4 . 0	get it					
	edito 10/04/2001	3	. 4 . 1	get it					
	RP-12 28/06/2001	3	. 5 . 0	get it					

G = required in systems with GERAN acces; U = required in systems with UMTS

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TR 25.993 Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA)
R99 *current version:* 3.0.0 *WG (prime / other):* R2 / *rapporteur:* FAUCONNIER, Denis NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,
RP-18 13/01/2003 3 . 0 . 0 Back creation from Rel-6 version [get it](#) *remarks - general:*
remarks - this release: Pointer to latest release version.

R99 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.071 AMR speech Codec; General description
R99 *current version:* 3.0.1 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-04 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4
SP-04 23/06/1999 3 . 0 . 0 [get it](#) *remarks - this release:* .
SP-05 13/10/1999 3 . 0 . 1 [get it](#)

TS 26.073 AMR speech Codec; C-source code
R99 *current version:* 3.3.0 *WG (prime / other):* S4 / - *rapporteur:* EKUDDEN, Erik Telefon AB LM Ericsson
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-04 23/06/1999 0 . 1 . 0 [get it](#) *remarks - general:*
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - this release:*
SP-05 13/10/1999 1 . 0 . 0 [get it](#)
SP-06 17/12/1999 3 . 0 . 0 [get it](#)
SP-07 15/03/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-14 09/01/2002 3 . 3 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 26 .- series
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TS 26.074 AMR speech Codec; Test sequences

R99 *current version:* 3.1.1
freeze_meeting: SP-06

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
SP-03 23/04/1999 0 . 0 . 0
SP-04 23/06/1999 1 . 0 . 0
SP-05 13/10/1999 2 . 0 . 0
SP-06 17/12/1999 3 . 0 . 0
Test sequences 02/02/2000 3 . 0 . 1
available
Test sequences 14/09/2000 3 . 0 . 2
corrected
SP-11 10/04/2001 3 . 1 . 0
corrected test 04/07/2001 3 . 1 . 1

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 26.090 AMR speech Codec; Transcoding Functions

R99 *current version:* 3.1.0
freeze_meeting: SP-04

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

TS 26.091 AMR speech Codec; Error concealment of lost frames

R99 *current version:* 3.1.0
freeze_meeting: SP-04

WG (prime / other): S4 / - *rapporteur:* EKUDDEN, Erik
G: yes U: yes *MCC:* USAI, Paolino

Telefon AB LM Ericsson

history (event, available, version,
SP-03 26/04/1999 1 . 0 . 0
SP-04 23/06/1999 3 . 0 . 0
SP-05 13/10/1999 3 . 0 . 1
SP-06 17/12/1999 3 . 1 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
[get it](#) *remarks - this release:* .
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 26 .- series
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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			get it	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999			get it	remarks - this release: .	
	SP-05 13/10/1999			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			get it	remarks - general: Transfer>TSG#4	
	SP-04 23/06/1999			get it	remarks - this release:	
	SP-05 13/10/1999			get it		
	SP-06 17/12/1999			get it		
	SP-08 28/06/2000			get it		
	SP-10 21/12/2000			get it		

TS 26.094	AMR Speech Codec; Voice Activity Detector for AMR Speech Traffic Channels					
R99	current version: 3.0.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: SP-05	G: yes U: yes		MCC:	USAI, Paolino	
history (event, available, version,						
	SP-04 23/06/1999			get it	remarks - general: Transfer>TSG#4	
	SP-03 26/04/1999			get it	remarks - this release: .	
	SP-05 13/10/1999			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			get it	remarks - general:	
	SP-04 23/06/1999			get it	remarks - this release:	
	SP-05 13/10/1999			get it		
	SP-06 17/12/1999			get it		
	SP-07 15/03/2000			get it		
	SP-12 01/08/2001			get it		
	SP-15 28/03/2002			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: 3.4.0	WG (prime / other):	S4 / -	rapporteur:	NAVARRO, William	NORTEL NETWORKS (EUROPE)
	freeze_meeting: SP-06	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-03 26/04/1999	0 . 2 . 0		get it	remarks - general:	
	SP-06 17/12/1999	3 . 0 . 0		get it	remarks - this release:	
	SP-07 15/03/2000	3 . 1 . 0		get it		
	SP-10 12/12/2000	3 . 2 . 0		get it		
	SP-11 10/04/2001	3 . 3 . 0		get it		
	SP-19	3 . 4 . 0				

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		

TS 26.104	ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec					
R99	current version: 3.5.0	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: SP-07	G: yes U: yes		MCC:	USAI, Paolino	
	history (event, available, version,					
	SP-06 17/12/1999	0 . 1 . 0		get it	remarks - general:	
	SP-07 15/03/2000	0 . 3 . 0	SP-000022	get it	remarks - this release:	
	SP-08 28/06/2000	3 . 0 . 0		get it		
	SP-10 21/12/2000	3 . 1 . 0		get it		
	SP-12 27/06/2001	3 . 2 . 0		get it		
	bug fix 29/06/2001	3 . 2 . 1		get it		
	SP-13 02/10/2001	3 . 3 . 0		get it		
	SP-15 28/03/2002	3 . 4 . 0		get it		
	SP-19	3 . 5 . 0				

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:* 3.4.0 *WG (prime / other):* S4 / - *rapporteur:* GOETZ, Ian TELLABS OPERATIONS INC.
freeze_meeting: SP-06 *G: U: yes* *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 0 . 0 . 0 [get it](#) *remarks - general:*
SP-06 17/12/1999 3 . 0 . 0 [get it](#) *remarks - this release:*
SP-08 28/06/2000 3 . 1 . 0 [get it](#)
SP-11 10/04/2001 3 . 2 . 0 [get it](#)
SP-13 02/10/2001 3 . 3 . 0 [get it](#)
SP-17 24/09/2002 3 . 4 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> GOETZ, Ian	TELLABS OPERATIONS INC.		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-05	13/10/1999	0 . 0 . 0	get it	<i>remarks - general:</i>		
draft		0 . 0 . 1		<i>remarks - this release:</i>		
SP-08		1 . 0 . 0				
SP-08	28/06/2000	3 . 0 . 0	get it			
SP-09	10/10/2000	3 . 1 . 0	get it			
SP-11	10/04/2001	3 . 2 . 0	get it			
SP-13	02/10/2001	3 . 3 . 0	get it			
SP-15	28/03/2002	3 . 4 . 0	get it			
SP-17	24/09/2002	3 . 5 . 0	get it			

TR 26.911	Codec for Circuit switched Multimedia Telephony Service; Terminal Implementor's Guide					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HAAVISTO, Petri	Nokia Research Center		
	<i>freeze_meeting:</i> SP-04	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>		
SP-04	23/06/1999	3 . 0 . 0	get it	<i>remarks - this release:</i>		
SP-05	13/10/1999	3 . 0 . 2	get it			
decision to revise	30/10/1999	3 . 1 . 0	get it			
version number						
SP-06	17/12/1999	3 . 2 . 0	get it			
edito	10/10/2000	3 . 2 . 1	get it			
SP-10	21/12/2000	3 . 3 . 0	get it			
SP-19		3 . 4 . 0				

TR 26.912	Codec for Circuit switched Multimedia Telephony Service; Quantitative performance evaluation of H.324 Annex C over 3G					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> USAI, Paolino			
<i>history (event, available, version,</i>						
SP-03	26/04/1999	0 . 0 . 1	get it	<i>remarks - general:</i>		
SP-04	23/06/1999	1 . 0 . 0	get it	<i>remarks - this release:</i>		
SP-07	15/03/2000	3 . 0 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 26 .- series
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:* 3.11.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-06 17/12/1999 3 . 3 . 0
NP-07 15/03/2000 3 . 4 . 0
NP-08 23/06/2000 3 . 5 . 0
NP-09 23/10/2000 3 . 6 . 0
NP-10 04/01/2001 3 . 7 . 0
NP-11 05/04/2001 3 . 8 . 0
NP-12 04/07/2001 3 . 9 . 0
NP-13 10/10/2001 3 . 10 . 0
NP-17 17/09/2002 3 . 11 . 0

WG (prime / other): N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

G = required in systems with GERAN 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 27.002 Terminal Adaptation Functions (TAF) for services using Asynchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

NP-03	23/04/1999	3	.	0	.	0	get it <i>remarks - general:</i>
NP-05	13/10/1999	3	.	1	.	0	get it <i>remarks - this release:</i>
NP-06	17/12/1999	3	.	2	.	0	get it
NP-07	15/03/2000	3	.	3	.	0	get it
NP-08	23/06/2000	3	.	4	.	0	get it
NP-09	12/10/2000	3	.	5	.	0	get it

TS 27.003 Terminal Adaptation Functions (TAF) for services using Synchronous bearer capabilities

R99 *current version:* 3.5.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-03 *G: yes U: yes* *MCC:* BOSWARTHICK, David

history (event, available, version,

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:* 3.13.0

freeze_meeting: SP-04

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-06	17/12/1999	3	.	3	.	0
TP-07	15/03/2000	3	.	4	.	0
TP-08	23/06/2000	3	.	5	.	0
TP-09	11/10/2000	3	.	6	.	0
TP-10	04/01/2001	3	.	7	.	0
TP-11	06/04/2001	3	.	8	.	0
TP-12	04/07/2001	3	.	9	.	0
TP-14	11/01/2002	3	.	10	.	0
TP-15	29/03/2002	3	.	11	.	0
TP-18	20/12/2002	3	.	12	.	0
TP-19		3	.	13	.	0

WG (prime / other): T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 27.010 Terminal Equipment to User Equipment (TE-UE) multiplexer protocol

R99 *current version:* 3.4.0

freeze_meeting: SP-04

history (event, available, version,

TP-03	28/04/1999	1	.	0	.	0
TP-04	18/06/1999	3	.	1	.	0
TP-05	08/10/1999	3	.	2	.	0
TP-07	15/03/2000	3	.	3	.	0
TP-15	25/03/2002	3	.	4	.	0

WG (prime / other): T2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute

G: yes U: yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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 27.060	Packet domain; Mobile Station (MS) supporting Packet Switched services					
R99	current version: 3.7.0	WG (prime / other):	N3 / -	rapporteur:	WILD, Johanna	MOTOROLA Ltd
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	BOSWARTHICK, David	
	history (event, available, version,					
	NP-03 23/04/1999	3	. 0 . 0	get it	remarks - general:	GPRS
	NP-04 23/06/1999	3	. 1 . 0	get it	remarks - this release:	
	NP-05 13/10/1999	3	. 2 . 0	get it		
	NP-06 17/12/1999	3	. 3 . 0	get it		
	NP-07 15/03/2000	3	. 4 . 0	get it		
	NP-11 06/04/2001	3	. 5 . 0	get it		
	NP-16 24/06/2002	3	. 6 . 0	get it		
	NP-17 17/09/2002	3	. 7 . 0	get it		

TS 27.103	Wide Area Network Synchronization					
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	CHAU, Alan	NOKIA UK Ltd
	freeze_meeting: SP-05	G: yes	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-05 08/10/1999	3	. 0 . 0	get it	remarks - general:	
	TP-09 16/10/2000	3	. 1 . 0	get it	remarks - this release:	TSG#8:3.1.0 but this CR not impementable.

TR 27.901	Report on Terminal Interfaces - An Overview					
R99	current version: 3.1.0	WG (prime / other):	T2 / -	rapporteur:	REX, Thomas	ERICSSON MOBILE COMMUNICATIONS AB
	freeze_meeting: SP-06	G:	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-03 23/04/1999	0	. 0 . 1	get it	remarks - general:	
	TP-04 18/06/1999	1	. 0 . 0	get it	remarks - this release:	.
	TP-05 08/10/1999	1	. 0 . 1	get it		
	TP-06 completed 17/12/1999	3	. 0 . 0	get it		
	TP-15 26/03/2002	3	. 1 . 0	get it		

TR 27.903	Discussion of synchronization standards					
R99	current version: 3.0.0	WG (prime / other):	T2 / -	rapporteur:	LOCKHART, Rob	Motorola Inc.
	freeze_meeting: SP-05	G:	U: yes	MCC:	RODERMUND, Friedhelm	
	history (event, available, version,					
	TP-03 23/04/1999	0	. 0 . 0	get it	remarks - general:	
	TP-05 08/10/1999	3	. 0 . 0	get it	remarks - this release:	.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 27 .- series
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R99 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.002 Mobile Application Part (MAP) specification

R99 current version: 3.16.0

freeze_meeting: SP-03

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: yes MCC: KYMALAINEN, Kimmo

history (event, available, version,

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](#)

NP-17 24/09/2002 3 . 14 . 0

[get it](#)

NP-18 09/01/2003 3 . 15 . 0

[get it](#)

NP-19 3 . 16 . 0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 29 .- series
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TS 29.007 General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone

R99 *current version:* 3.11.0 *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
NP-18	06/01/2003	3	.	11	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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) 3.10.0WG (*prime / other:*) N4 /- *rapporteur:* KYMALAINEN, Kimmo

TeliaSonera AB

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
NP-17	18/09/2002	3	.	9	.	0
NP-18	07/01/2003	3	.	10	.	0

[get it](#) *remarks - general:* Transfer>TSG#4 (transfer??)
[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 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.011 Signalling Interworking for Supplementary Services

R99 *current version:* 3.0.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

TS 29.013 Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols

R99 *current version:* 3.0.0
freeze_meeting: SP-05
history (event, available, version,
NP-04 23/06/1999 3 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: yes *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: .

TS 29.016 Serving GPRS Support Node SGSN - Visitors Location Register (VLR); Gs Interface Network Service Specification

R99 *current version:* 3.1.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-09 06/10/2000 3 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 29.018 General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface layer 3 specification

R99 *current version:* 3.10.0
freeze_meeting: SP-03
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0
NP-04 23/06/1999 3 . 1 . 0
NP-05 13/10/1999 3 . 2 . 0
NP-07 15/03/2000 3 . 3 . 0
NP-09 23/10/2000 3 . 4 . 0
edito 31/10/2000 3 . 4 . 1
NP-10 02/01/2001 3 . 5 . 0
NP-11 06/04/2001 3 . 6 . 0
NP-13 03/10/2001 3 . 7 . 0
NP-14 04/01/2002 3 . 8 . 0
NP-15 21/03/2002 3 . 9 . 0
NP-16 26/06/2002 3 . 10 . 0

WG (prime / other): N1 / - *rapporteur:* MILLS, Duncan VODAFONE Group Plc
G: yes U: yes *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 29.060	General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface				
R99	current version: 3.16.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo
	freeze_meeting: SP-03	G: yes	U: yes	MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				TeliaSonera AB
	NP-03	23/04/1999	3 . 0 . 0	get it	remarks - general:
	NP-04	23/06/1999	3 . 1 . 0	get it	remarks - this release:
	NP-05	13/10/1999	3 . 2 . 0	get it	
	NP-06	15/12/1999	3 . 3 . 0	get it	
	NP-07	15/03/2000	3 . 4 . 0	get it	
	NP-08	23/06/2000	3 . 5 . 0	get it	
	NP-10	28/09/2000	3 . 6 . 0	get it	
	NP-10	21/12/2000	3 . 7 . 0	get it	
	NP-11	30/03/2001	3 . 8 . 0	get it	
	NP-12	04/07/2001	3 . 9 . 0	get it	
	NP-13	03/10/2001	3 . 10 . 0	get it	
	NP-14	11/01/2002	3 . 11 . 0	get it	
	NP-15	28/03/2002	3 . 12 . 0	get it	
	NP-16	21/06/2002	3 . 13 . 0	get it	
	NP-17	18/09/2002	3 . 14 . 0	get it	
	NP-18	07/01/2003	3 . 15 . 0	get it	
	NP-19		3 . 16 . 0		

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 29.061	Interworking between the Public Land Mobile Network (PLMN) supporting Packet Based services and Packet Data Networks (PDN)			
R99	current version: 3.12.0	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	remarks - general: Former title: "General Packet Radio Service (GPRS); Interworking between the
NP-04	23/06/1999	3 . 1 . 0	get it	remarks - this release: 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	
NP-18	09/01/2003	3 . 11 . 0	get it	
NP-19		3 . 12 . 0		

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server ACTIVE specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.078	Customised Applications for Mobile network Enhanced Logic (CAMEL); CAMEL Application Part (CAP) specification				
R99	<i>current version:</i> 3.15.0	<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-05	G: yes U: yes	<i>MCC:</i> JURISIC, Andrijana		
<i>history (event, available, version,</i>					
NP-03	23/04/1999	3 . 0 . 0	get it	<i>remarks - general:</i>	Transfer>TSG#4
NP-04	30/06/1999	3 . 1 . 0	get it	<i>remarks - this release:</i>	Phase 3
NP-06	17/12/1999	3 . 2 . 0	get it		
NP-07	15/03/2000	3 . 3 . 0	get it		
NP-08	23/06/2000	3 . 4 . 0	get it		
Editorial	23/06/2000	3 . 4 . 1	get it		
NP-09	10/10/2000	3 . 5 . 0	get it		
NP-10	05/01/2001	3 . 6 . 0	get it		
NP-11	29/03/2001	3 . 7 . 0	get it		
NP-12	03/07/2001	3 . 8 . 0	get it		
NP-13	03/10/2001	3 . 9 . 0	get it		
NP-14	04/01/2002	3 . 10 . 0	get it		
NP-15	19/03/2002	3 . 11 . 0	get it		
NP-16	17/06/2002	3 . 12 . 0	get it		
NP-17	17/09/2002	3 . 13 . 0	get it		
NP-18	18/12/2002	3 . 14 . 0	get it		
NP-19		3 . 15 . 0			

TS 29.108	Application of the Radio Access Network Application Part (RANAP) on the E-interface				
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> VESELY, Alexander	SIEMENS AG	
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> KRAUSE, Joern		
<i>history (event, available, version,</i>					
RP-08		2 . 0 . 0		<i>remarks - general:</i>	TSG#8:Appeared as v2.0.0 (RP-000258)
RP-08	30/06/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>	
RP-10	20/12/2000	3 . 1 . 0	get it		
RP-13	12/10/2001	3 . 2 . 0	get it		
RP-19		3 . 3 . 0			

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 29.119	GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR)								
R99	current version: 3.0.0	WG (prime / other):	N4 / -	rapporteur:	AIKAWA, Shinichiro	Fujitsu Limited			
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-04	27/05/1999	0	. 0	. 0			get it	remarks - general:	New after TSG#5
NP-06	15/12/1999	1	. 0	. 0			get it	remarks - this release:	
NP-07	15/03/2000	3	. 0	. 0			get it		

TS 29.120	Mobile Application Part (MAP) specification for Gateway Location Register (GLR); Stage 3								
R99	current version: 3.1.0	WG (prime / other):	N4 / -	rapporteur:	MITAMURA, Kazuo	NTT COMWARE Corporation			
	freeze_meeting: SP-07	G:	U: yes	MCC:	KYMALAINEN, Kimmo				
history (event, available, version,									
NP-04	27/05/1999	0	. 0	. 0			get it	remarks - general:	New after TSG#5
NP-06	15/12/1999	1	. 0	. 0			get it	remarks - this release:	
NP-07	15/03/2000	3	. 0	. 0			get it		
NP-09	25/10/2000	3	. 1	. 0			get it		

TS 29.198	Open Service Architecture (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			get it	remarks - general:	OSA subgroup. Was incorrectly shown as a TR; fixed @N#9.
NP-08	23/06/2000	3	. 0	. 0			get it	remarks - this release:	
NP-09	09/10/2000	3	. 1	. 0			get it		
NP-10	03/01/2001	3	. 2	. 0			get it		
NP-11	28/03/2001	3	. 3	. 0			get it		
NP-12	29/06/2001	3	. 4	. 0			get it		

TR 29.994	Recommended infrastructure measures to overcome specific Mobile Station (MS) and User Equipment (UE) faults								
R99	current version: 3.0.1	WG (prime / other):	N1 / RP	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: SP-06	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
edito post NP-18	16/12/2002	3	. 0	. 1	minor editorials to change style from TS to TR.		get it	remarks - this release:	. latest Release version.

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

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 Telefon AB LM Ericsson
G: *U:* yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* OSA subgroup
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

R99 31 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.101 UICC-terminal interface; Physical and logical characteristics

R99 *current version:* 3.3.0
freeze_meeting: SP-06
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 15/03/2000 3 . 1 . 0 completion target
TP-08 06/02/2000 3 . 2 . 0
TP-09 18/10/2000 3 . 3 . 0

WG (prime / other): T3 / SCP *rapporteur:* VESTERGAARD, Peter NOKIA UK Ltd
G: *U:* yes *MCC:* DIETZE, Claus

[get it](#) *remarks - general:* Contents is a reference to ETSI TR 102 221.
[get it](#) *remarks - this release:* TP-09: txferred from T2 to ETSI SCP as TR 102 221. So removed from 3gpp spec list. Sanders, May 2001: no, not withdrawn. So re-instated.
[get it](#)
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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.102 Characteristics of the USIM Application

R99 current version: 3.12.0

freeze_meeting: SP-06

WG (prime / other): T3 / - rapporteur: HEIM, Christian

G: U: yes MCC: DIETZE, Claus

GIESECKE & DEVRIENT GmbH

history (event, available, version,

TP-03 23/04/1999 0 . 0 . 0

TP-04 23/06/1999 0 . 5 . 0

TP-05 08/10/1999 1 . 0 . 0

TP-06 17/12/1999 3 . 0 . 0

TP-07 completion 15/03/2000 3 . 1 . 0

target

TP-08 23/06/2000 3 . 2 . 0

TP-09 18/10/2000 3 . 3 . 0

TP-10 05/01/2001 3 . 4 . 0

TP-11 09/04/2001 3 . 5 . 0

TP-12 06/07/2001 3 . 6 . 0

TP-13 11/10/2001 3 . 7 . 0

TP-14 17/01/2002 3 . 8 . 0

TP-16 28/06/2002 3 . 9 . 0

TP-17 25/09/2002 3 . 10 . 0

TP-18 02/01/2003 3 . 11 . 0

TP-19 3 . 12 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:

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TS 31.110 Numbering system for telecommunication IC card applications

R99 current version: 3.2.0

freeze_meeting: SP-06

WG (prime / other): T3 / - rapporteur: DIETRICH, Christian

G: U: yes MCC: DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

history (event, available, version,

E-mailed to SP-T 15/11/1999 1 . 0 . 0

for information

TP-06 17/12/1999 3 . 0 . 0

TP-07 completion 15/03/2000 3 . 1 . 0

target

TP-09 18/10/2000 3 . 2 . 0

[get it](#) remarks - general: Sanders April 2001: Will be scrapped in favour of an ETSI SCP document. May
remarks - this release: 2001: Sanders: "unscrapped". Contents will be change to a reference to ETSI TS
101 220.

[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 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.111	USIM Application Toolkit (USAT)					
R99	<i>current version:</i> 3.10.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> WOODSEND, Kristian	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> SP-07	G: yes U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-06 17/12/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	To include a GSM-specific annex from Rel-4 onwards, thus replacing 11.14.	
	TP-07 15/03/2000	3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-08 23/06/2000	3 . 1 . 0	get it			
	TP-09 18/10/2000	3 . 2 . 0	get it			
	TP-10 05/01/2001	3 . 3 . 0	get it			
	TP-11 09/04/2001	3 . 4 . 0	get it			
	TP-12 06/07/2001	3 . 5 . 0	get it			
	TP-13 12/10/2001	3 . 6 . 0	get it			
	TP-14 16/01/2002	3 . 7 . 0	get it			
	TP-16 28/06/2002	3 . 8 . 0	get it			
	TP-18 02/01/2003	3 . 9 . 0	get it			
	TP-19	3 . 10 . 0				

TS 31.120	UICC-terminal interface; Physical, electrical and logical test specification					
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MAESER, Torsten	Orga Test Systems Gmbh		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-09 18/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 1). TSG#11:moved to ETSI-SCP	
	TP-10 05/01/2001	3 . 0 . 0	get it	<i>remarks - this release:</i>	TP-11:moved to ETSI-SCP. TP-12: reinstated.	

TS 31.121	UICC-terminal interface; USIM application test specification					
R99	<i>current version:</i> 3.5.0	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> AFCHAR, Ramin	VODAFONE Group Plc		
	<i>freeze_meeting:</i> SP-08	G: U: yes	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i>					
	TP-09 18/10/2000	1 . 0 . 0	get it	<i>remarks - general:</i>	based on R99 core spec; split into 2 parts (this is 2)	
	TP-10 05/01/2001	3 . 0 . 0	get it	<i>remarks - this release:</i>		
	TP-12 06/07/2001	3 . 1 . 0	get it			
	TP-16 19/06/2002	3 . 2 . 0	get it			
	TP-17 18/09/2002	3 . 3 . 0	get it			
	TP-18 02/01/2003	3 . 4 . 0	get it			
	TP-19	3 . 5 . 0				

G = required in systems with GERAN acces; U = required in systems with UMTS

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ACTIVE specs R99 31 .- series
Server http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.122 USIM conformance test specification

R99 *current version:* 3.6.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): T3 / - *rapporteur:* KNIGHT, Simon
G: *U:* yes *MCC:* DIETZE, Claus

ASPECTS Software Ltd

TP-09 18/10/2000 1 . 0 . 0
TP-10 2 . 0 . 0
TP-10 05/01/2001 3 . 0 . 0
TP-14 17/01/2002 3 . 1 . 0
TP-15 28/03/2002 3 . 2 . 0
TP-16 19/06/2002 3 . 3 . 0
TP-17 18/09/2002 3 . 4 . 0
TP-18 02/01/2003 3 . 5 . 0
TP-19 3 . 6 . 0

[get it](#)

remarks - general: based on R99 core spec; was originally 31.121 but renumbered whch 31.120 was
remarks - this release: split into two parts

[get it](#)

[get it](#)

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R99

32 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.005 Telecommunications Management; Charging and billing; 3G call and event data for the Circuit Switched (CS) domain

R99 *current version:* 3.6.0
freeze_meeting: SP-08
history (event, available, version,

WG (prime / other): S5 / - *rapporteur:* BENDER, James
G: *U:* yes *MCC:* ZOICAS, Adrian

Nortel Networks (USA)

SP-06 17/12/1999 3 . 0 . 0
SP-08 23/06/2000 3 . 1 . 0
correct 10/10/2000 3 . 2 . 0
implementation of
previous CR
SP-10 21/12/2000 3 . 3 . 0
edito 22/01/2001 3 . 3 . 1
SP-11 05/04/2001 3 . 4 . 0
SP-13 05/10/2001 3 . 5 . 0
SP-15 26/03/2002 3 . 6 . 0

[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 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.015	Telecommunications Management; Charging and billing; 3G call and event data for the Packet Switched (PS) domain					
R99	<i>current version:</i> 3.11.0	<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			
	SP-18 07/01/2003	3 . 10 . 0	get it			
	SP-19	3 . 11 . 0				

TS 32.101	Telecommunication management; Principles and high level requirements					
R99	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TRUSS, Michael	MOTOROLA Ltd		
	<i>freeze_meeting:</i> SP-07	<i>G:</i> U: yes	<i>MCC:</i> ZOICAS, Adrian			
	<i>history (event, available, version,</i>					
	SP-03 26/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>		
	SP-05 13/10/1999	1 . 2 . 0	get it	<i>remarks - this release:</i>		
	SP-06 17/12/1999	3 . 0 . 0	get it			
	SP-07 17/03/2000	3 . 1 . 0	get it			
	Editorial 17/03/2000	3 . 1 . 1	get it			
	SP-08 23/06/2000	3 . 2 . 0	get it			
	SP-10 21/12/2000	3 . 3 . 0	get it			
	SP-11 05/10/2001	3 . 4 . 0	get it			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.102 Telecommunication management; Architecture

R99 current version: 3.2.0

freeze_meeting: SP-07

WG (prime / other): S5 / - rapporteur: BERGGREN, Tommy Telia Mobile AB
G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,

Creation of WI by 26/04/1999 0 . 0 . 0

WG/TB

SP-03 26/04/1999 1 . 0 . 0

SP-05 13/10/1999 1 . 2 . 0

SP-06 17/12/1999 3 . 0 . 0

SP-07 17/03/2000 3 . 1 . 0

Editorial 17/03/2000 3 . 1 . 1

SP-08 23/06/2000 3 . 2 . 0

[get it](#) remarks - general:
remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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TS 32.104 3G Performance Management

R99 current version: 3.5.0

freeze_meeting: SP-07

WG (prime / other): S5 / - rapporteur: NENNER, Karl-Heinz T-MOBILE DEUTSCHLAND
G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

SP-06 17/12/1999 3 . 0 . 0

SP-07 17/03/2000 3 . 1 . 0

Editorial 17/03/2000 3 . 1 . 1

SP-08 23/06/2000 3 . 2 . 0

SP-09 10/10/2000 3 . 3 . 0

SP-10 21/12/2000 3 . 4 . 0

SP-14 11/01/2002 3 . 5 . 0

[get it](#) remarks - general:
remarks - this release:

[get it](#)

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[get it](#)

TS 32.106-1 Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements

R99 current version: 3.1.0

freeze_meeting: SP-07

WG (prime / other): S5 / - rapporteur: PIRT, Trevor MOTOROLA Ltd
G: U: yes MCC: ZOICAS, Adrian

history (event, available, version,

SP-05 13/10/1999 1 . 0 . 0

SP-06 17/12/1999 1 . 1 . 0

SP-07 17/03/2000 3 . 0 . 0

Editorial 17/03/2000 3 . 0 . 1

SP-08 23/06/2000 3 . 1 . 0 split into parts

[get it](#) remarks - general: SP-08: split into eight parts
remarks - this release: SP-08: multipart split from parent 3.0.1

[get it](#)

[get it](#)

[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-07	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-08: split into	23/06/2000	3	.	1	.	0	get it	<i>remarks - general:</i> TSG#8: split into eight parts	
parts								<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
SP-10	21/12/2000	3	.	2	.	0	get it		
SP-11	05/04/2001	3	.	3	.	0	get it		
<hr/>									
TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1								
R99	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated					
	<i>freeze_meeting:</i> SP-07	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-08: split into	23/06/2000	3	.	1	.	0	get it	<i>remarks - general:</i> TSG#8: split into eight parts	
parts								<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
SP-10	21/12/2000	3	.	2	.	0	get it		
SP-11	05/04/2001	3	.	3	.	0	get it		
<hr/>									
TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1								
R99	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> ZHOU, Di	SIEMENS AG					
	<i>freeze_meeting:</i> SP-07	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
SP-08: split into	23/06/2000	3	.	1	.	0	get it	<i>remarks - general:</i> TSG#8: split into eight parts	
parts								<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1	
SP-14	11/01/2002	3	.	2	.	0	get it		
editorial after	18/09/2002	3	.	2	.	1	get it		
SP-17									
<hr/>									
TS 32.106-5	Telecommunication management; Configuration Management (CM); Part 5: Basic Configuration Management Integration Reference Point (IRP) information model (including								
R99	<i>current version:</i> NRM) version 1	3.2.0	<i>WG (prime / other):</i> S5	/-	<i>rapporteur:</i> TOVINGER, Thomas				
Telefon AB LM Ericsson									
	<i>freeze_meeting:</i> SP-10	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ZOICAS, Adrian					
<i>history (event, available, version,</i>									
draft	10/10/2000	1	.	0	.	1	get it	<i>remarks - general:</i> TSG#8: split into eight parts	
SP-10	21/12/2000	3	.	0	.	0	get it	<i>remarks - this release:</i> TSG#8: multipart split from parent 3.0.1 (not certain this part will be R99)	
SP-11	05/04/2001	3	.	1	.	0	get it		
SP-12	03/07/2001	3	.	2	.	0	get it		

G = required in systems with GERAN access; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.106-6 Telecommunication management; Configuration Management (CM); Part 6: Basic Configuration Management Integration Reference Point (IRP) CORBA solution set version 1:1

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* ZHOU, Di SIEMENS AG
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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

R99 *current version:* 3.3.0 *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: SP-10 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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](#)

TS 32.111-1 Telecommunication management; Fault Management; Part 1: 3G fault management requirements

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0 [get it](#) *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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 / - *rporteur:* SCHMIDT, Joerg Motorola Inc.
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i>	TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i>	
SP-07	17/03/2000	3	.	0	.	0	get it		
Editorial	17/03/2000	3	.	0	.	1	get it		
SP-08: split into	23/06/2000	3	.	1	.	0	get it		
parts									
editorial	06/09/2000	3	.	1	.	1	get it		
SP-09	10/10/2000	3	.	2	.	0	get it		
SP-10	20/12/2000	3	.	3	.	0	get it		

TS 32.111-3 Telecommunication management; Fault Management; Part 3: Alarm Integration Reference Point: CORBA solution set

R99 *current version:* 3.6.0 *WG (prime / other):* S5 / - *rporteur:* TSE, Edwin Ericsson Incorporated
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,

SP-05	13/10/1999	1	.	0	.	0	get it	<i>remarks - general:</i>	TSG#8: split into 4 parts
SP-06	17/12/1999	1	.	1	.	0	get it	<i>remarks - this release:</i>	TSG#8: multipart split from parent 3.0.1
SP-07	17/03/2000	3	.	0	.	0	get it		
Editorial	17/03/2000	3	.	0	.	1	get it		
SP-08: split into	23/06/2000	3	.	1	.	0	get it		
parts									
SP-09	10/10/2000	3	.	2	.	0	get it		
SP-10	20/12/2000	3	.	3	.	0	get it		
SP-11	05/04/2001	3	.	4	.	0	get it		
SP-12	04/07/2001	3	.	5	.	0	get it		
SP-14	11/01/2002	3	.	6	.	0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111-4 Telecommunication management; Fault Management; Part 4: Alarm Integration Reference Point: CMIP solution set

R99 *current version:* 3.2.0 *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-08 *G:* U: yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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
editorial 06/09/2000 3 . 1 . 1 [get it](#)
SP-14 11/01/2002 3 . 2 . 0 [get it](#)

R99 33 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 3.13.0

freeze_meeting: SP-07

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

SP-18 18/12/2002 3 . 13 . 0

WG (prime / other): S3 / - rapporteur: BLOMMAERT, Marc SIEMENS ATEA NV

G: U: yes MCC: POPE, Maurice

[get it](#) remarks - general:
remarks - this release:

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TS 33.103 3G security; Integration guidelines

R99 current version: 3.7.0

freeze_meeting: SP-05

history (event, available, version,

SP-04 23/06/1999 1 . 0 . 0

SP-05 13/10/1999 3 . 0 . 0

SP-06 17/12/1999 3 . 1 . 0

SP-07 15/03/2000 3 . 2 . 0

SP-08 23/06/2000 3 . 3 . 0

SP-09 11/10/2000 3 . 4 . 0

SP-11 30/03/2001 3 . 5 . 0

SP-12 04/07/2001 3 . 6 . 0

SP-13 03/10/2001 3 . 7 . 0

WG (prime / other): S3 / - rapporteur: BLANCHARD, Colin BT Group Plc

G: U: yes MCC: POPE, Maurice

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remarks - this release:

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TS 33.105	Cryptographic Algorithm requirements					
R99	current version: 3.8.0	WG (prime / other):	S3 / -	rapporteur:	CHIKAZAWA, Takeshi	Mitsubishi Electric Corporation
	freeze_meeting: SP-04	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-05 13/10/1999			get it	remarks - this release:	
	SP-06 17/12/1999			get it		
	SP-07 15/03/2000			get it		
	SP-08 23/06/2000			get it		
	SP-09 11/10/2000			get it		
	SP-10 22/12/2000			get it		
	SP-11 30/03/2001			get it		
	SP-12 04/07/2001			get it		
<hr/>						
TS 33.106	Lawful interception requirements					
R99	current version: 3.1.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-08	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-06 17/12/1999			get it	remarks - this release: .	
<hr/>						
TS 33.107	3G security; Lawful interception architecture and functions					
R99	current version: 3.5.0	WG (prime / other):	S3 / -	rapporteur:	WILHELM, Berthold	BUNDESMINISTERIUM FUR WIRTSCHAFT
	freeze_meeting: SP-06	G:	U: yes	MCC:	POPE, Maurice	
	history (event, available, version,					
	SP-04 23/06/1999			get it	remarks - general:	
	SP-10 22/12/2000			get it	remarks - this release:	
	SP-11 30/03/2001			get it		
	SP-13 03/10/2001			get it		
	SP-14 07/01/2002			get it		
	SP-15 26/03/2002			get it		

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Server ACTIVE specs R99 33 .- series
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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	get it				
	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				
<hr/>						
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	get it	remarks - this release: .			
	SP-04 23/06/1999 3 . 0 . 0					
<hr/>						
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	get it	remarks - this release: .			
	SP-06 17/12/1999 3 . 1 . 0					
<hr/>						
TR 33.908	3G Security; General report on the design, specification and evaluation of 3GPP standard confidentiality and integrity algorithms					
R99	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: Formerly 33.904.			

R99

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Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

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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: 3.11.0

freeze_meeting: SP-08

WG (prime / other): T1 / -

rapporteur: CHALABI, Nuhman

Anite Telecoms Ltd.

G: U: yes

MCC: SALMERON, Lidia

history (event, available, version,

Start of work		0	.	0	.	1	
TP-07	15/03/2000	1	.	0	.	0	TP-000032
editorial tidy up	23/03/2000	1	.	0	.	1	
TP-08		2	.	0	.	0	
TP-08	23/06/2000	3	.	0	.	0	
Editorial	23/06/2000	3	.	0	.	1	
TP-09	06/10/2000	3	.	1	.	0	
TP-10	09/01/2001	3	.	2	.	0	
TP-11	28/03/2001	3	.	3	.	0	
TP-12	27/06/2001	3	.	4	.	0	
TP-13	08/10/2001	3	.	5	.	0	
TP-14	09/01/2002	3	.	6	.	0	
TP-15	20/03/2002	3	.	7	.	0	
edito post TP-15	26/03/2002	3	.	7	.	1	
TP-16	17/06/2002	3	.	8	.	0	
TP-17	10/09/2002	3	.	9	.	0	
TP-18	18/12/2002	3	.	10	.	0	
TP-19		3	.	11	.	0	

remarks - general:

remarks - this release: TSG#8:aprvl is controversial

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Server ACTIVE specs R99 34 .- series
http://www.3gpp.org/ftp/Specs/archive/34_series

TS 34.109 Terminal logical test interface; Special conformance testing functions

R99 *current version:* 3.9.0 *WG (prime / other):* R2 / T1 *rapporteur:* BERGGREN, Anders Ericsson Incorporated
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* ARZELIER, Claude

history (event, available, version,

RP-03	23/04/1999	0	.	0	.	0
RP-04	18/06/1999	0	.	2	.	0
RP-05	08/10/1999	1	.	0	.	0
RP-06	17/12/1999	1	.	0	.	3
next version	03/02/2000	1	.	1	.	0
RP-07	15/03/2000	1	.	2	.	0
RP-08	23/06/2000	3	.	0	.	0
RP-09	05/10/2000	3	.	1	.	0
RP-10	20/12/2000	3	.	2	.	0
RP-11	27/03/2001	3	.	3	.	0
RP-12	19/06/2001	3	.	4	.	0
RP-15	19/03/2002	3	.	5	.	0
RP-16	17/06/2002	3	.	6	.	0
RP-17	18/09/2002	3	.	7	.	0
RP-18	13/01/2003	3	.	8	.	0
RP-19		3	.	9	.	0

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remarks - general: TSG#7: Will be transferred to RAN2 after approval. TSG#8: txfer is delayed.

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remarks - this release: TSG#9: Stable, so txfered from T1 to R2.

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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 34.121 Terminal Conformance Specification, Radio Transmission and Reception (FDD)

R99 *current version:* 3.12.0 *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
TP-17	05/09/2002	3	.	10	.	0
TP-18	18/12/2002	3	.	11	.	0
TP-19		3	.	12	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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G = required in systems with GERAN acces; U = required in systems with UMTS

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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	<i>current version:</i> 3.11.0	WG (prime / other):	T1 / -	<i>rapporteur:</i>	MAUCKSCH, Thomas	ROHDE & SCHWARZ GmbH & Co.KG
	<i>freeze_meeting:</i> SP-08	G:	U: yes	<i>MCC:</i>	SALMERON, Lidia	
<i>history (event, available, version,</i>						
TP-04	18/06/1999	0 . 0 . 0		get it	<i>remarks - general:</i>	
TP-05	08/10/1999	0 . 1 . 0		get it	<i>remarks - this release:</i>	
TP-06	17/12/1999	1 . 0 . 0		get it		
TP-07	15/03/2000	1 . 2 . 0		get it		
Editorial	15/03/2000	1 . 2 . 1		get it		
TP-08		2 . 0 . 0				
TP-08	23/06/2000	3 . 0 . 0		get it		
edito	28/08/2000	3 . 0 . 1		get it		
TP-09	05/10/2000	3 . 1 . 0		get it		
TP-10	21/12/2000	3 . 2 . 0		get it		
TP-11	28/03/2001	3 . 3 . 0		get it		
TP-12	18/06/2001	3 . 4 . 0		get it		
TP-13	03/10/2001	3 . 5 . 0		get it		
TP-14	09/01/2002	3 . 6 . 0		get it		
TP-15	21/03/2002	3 . 7 . 0		get it		
TP-16	17/06/2002	3 . 8 . 0		get it		
TP-17	05/09/2002	3 . 9 . 0		get it		
TP-18	18/12/2002	3 . 10 . 0		get it		
TP-19		3 . 11 . 0				

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 34.123-1 User Equipment (UE) conformance specification; Part 1: Protocol conformance specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-08 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 0 . 4 [get it](#) *remarks - this release:*
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
manicure 23/03/2000 1 . 0 . 1 [get it](#)
TP-08 2 . 0 . 0
TP-08 23/06/2000 3 . 0 . 0 [get it](#)
TP-09 10/10/2000 3 . 1 . 0 [get it](#)
TP-10 09/01/2001 3 . 2 . 0 [get it](#)
TP-11 28/03/2001 3 . 3 . 0 [get it](#)
TP-12 28/06/2001 3 . 4 . 0 [get it](#)
TP-13 03/10/2001 3 . 5 . 0 [get it](#)

TS 34.123-2 User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) specification

R99 *current version:* 3.5.0 *WG (prime / other):* T1 / - *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-10 *G:* U: yes *MCC:* SALMERON, Lidia
history (event, available, version,
TP-03 23/04/1999 0 . 0 . 1 [get it](#) *remarks - general:*
TP-05 08/10/1999 0 . 0 . 6 [get it](#) *remarks - this release:* TSG#8: aprvl target postponed to end-00;TP-000137 TSG#9:2.0.0->3.1.0 (no 3.0.0
to keep in step with part 1).
TP-06 17/12/1999 1 . 0 . 0 [get it](#)
TP-07 15/03/2000 1 . 0 . 1 [get it](#)
TP-09 22/09/2000 2 . 0 . 0 [get it](#)
TP-09 06/10/2000 3 . 1 . 0 [get it](#)
TP-10 09/01/2001 3 . 2 . 0 [get it](#)
TP-11 28/03/2001 3 . 3 . 0 [get it](#)
TP-12 28/06/2001 3 . 4 . 0 [get it](#)
TP-13 04/10/2001 3 . 5 . 0 [get it](#)

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 34.123-3 User Equipment (UE) conformance specification; Part 3: Abstract test suites (ATSS)

R99	<i>current version:</i> 3.1.0		<i>WG (prime / other):</i> T1 / -	<i>rapporteur:</i> HU, Shicheng	ETSI Secretariat
	<i>freeze_meeting:</i> SP-13		<i>G:</i> U: yes	<i>MCC:</i> SALMERON, Lidia	
<i>history (event, available, version,</i>					
TP-03	23/04/1999	0 . 0 . 0		get it	<i>remarks - general:</i>
Start work if STF		0 . 0 . 1			<i>remarks - this release:</i>
fund +T2 input avail.					
TP-11	28/03/2001	1 . 0 . 0		get it	
TP-12	28/06/2001	1 . 0 . 3	TP-010124	get it	
draft	11/10/2001	1 . 0 . 5		get it	
TP-18	16/12/2002	2 . 0 . 0	text = TP-020301 (see also TP-020302), ttcn = TP-020320 which will be available by 2002-12-20.	get it	
TP-18	18/12/2002	3 . 0 . 0	Availability delayed pending availability of .mp file.	get it	
TP-19		3 . 1 . 0			

TS 34.124 Electromagnetic compatibility (EMC) requirements for Mobile terminals and ancillary equipment

R99	<i>current version:</i> 3.4.0		<i>WG (prime / other):</i> R4 / -	<i>rapporteur:</i> SOERENSEN, Ole	NOKIA Corporation
	<i>freeze_meeting:</i> SP-07		<i>G:</i> U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar	
<i>history (event, available, version,</i>					
TP-03	23/04/1999	0 . 0 . 1		get it	<i>remarks - general:</i> T1->R4@TSG#10
draft	15/07/1999	1 . 0 . 0		get it	<i>remarks - this release:</i>
draft	15/08/1999	1 . 0 . 1		get it	
draft	15/09/1999	1 . 1 . 0		get it	
TP-05	08/10/1999	1 . 2 . 0		get it	
TP-06	17/12/1999	1 . 2 . 2		get it	
draft	15/02/2000	1 . 3 . 0		get it	
SWG T1 EMC at meeting-08	28/02/2000	2 . 0 . 0		get it	
TP-07		2 . 0 . 1	SP-000034		
TP-07	15/03/2000	3 . 0 . 0		get it	
TP-09	05/10/2000	3 . 1 . 0		get it	
RP-10	09/01/2001	3 . 2 . 0		get it	
RP-11	05/04/2001	3 . 3 . 0		get it	
RP-19		3 . 4 . 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/34_series

TR 34.901	Test Time Optimisation based on statistical approaches; Statistical theory applied and evaluation of statistical significance								
R99	<i>current version:</i> none	<i>WG (prime / other):</i>	T1 /	<i>rapporteur:</i>	YOKOYAMA, Mitsuru	Agilent Technologies Japan, Ltd			
	<i>freeze_meeting:</i> SP-06	G:	U: yes	<i>MCC:</i>	SALMERON, Lidia				
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	2002-09-16: 34.801 -> 34.901.				
				<i>remarks - this release:</i>	2002-09-26: Anticipate approval at TP-18.				
<hr/>									
TR 34.907	Report on electrical safety requirements and regulations								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	IIMORI, Eiji	Toshiba Corporation, Digital Media Network			
	<i>freeze_meeting:</i> SP-05	G:	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	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>	.
<hr/>									
TR 34.925	Specific Absorption Rate (SAR) requirements and regulations in different regions								
R99	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	JOHNSSON, Sven	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-04	G:	U: yes	<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	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>	.
<hr/>									

R99 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.201	Specification of the 3GPP confidentiality and integrity algorithms; Document 1: f8 and f9 specifications								
R99	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i>	S3 / -	<i>rapporteur:</i>	WALKER, Michael	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-07	G:	U: yes	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
	SP-07 17/03/2000	3	.	1	.	0	get it	<i>remarks - general:</i>	ex SAGE; supplied by ETSI under licence
	Formatting 12/07/2001	3	.	1	.	1	get it	<i>remarks - this release:</i>	
	IPR, licence text 20/08/2001	3	.	1	.	2	get it		
	SP-14 07/01/2002	3	.	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 UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.03U Selection procedures for the choice of radio transmission technologies of the UMTS

UMTS *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:*
smg-25 20/03/1998 3 . 2 . 0

TR 30.06U UTRA Concept Evaluation Reports

UMTS *current version:* 3.0.0 *WG (prime / other):* GP / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: G: U: *MCC:* USAI, Paolino
history (event, available, version,
First complete 01/12/1997 1 . 0 . 0 *remarks - general:*
smg-24 15/12/1997 3 . 0 . 0 *remarks - this release:*

R98

R98 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R98 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.04	Abbreviations and acronyms					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> smg-25 20/03/1998 7 . 0 . 0 smg-26 26/06/1998 7 . 0 . 1				get it get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TR 01.33	Lawful Interception requirements for GSM					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> smg-25 20/03/1998 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 7.0.0 (renumbered from 10.20)
<hr/>						
TS 01.56	GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> MESSIET, Samira	ALCATEL S.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i> smg-28 1 . 0 . 0 smg-29 25/06/1999 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i>
<hr/>						
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i> upgrade to R98 04/10/2001 7 . 0 . 0				get it	<i>remarks - general:</i> <i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

R98 *current version:* 7.1.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
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:

TS 02.04 General on Supplementary Services

R98 *current version:* 7.1.2 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: smg-29 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-25 20/03/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 7 . 1 . 1 [get it](#)
ETSI publication 28/12/1999 7 . 1 . 2 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 02 .- series
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TS 02.06	Types of Mobile Stations (MS)					
R98	current version: 7.0.1	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 29/12/1999 7 . 0 . 1	get it		remarks - this release:		
<hr/>						
TS 02.07	Mobile Station (MS) Features					
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 03/08/1999 7 . 0 . 1	get it		remarks - this release:		
	SP-07 15/03/2000 7 . 1 . 0	get it				
<hr/>						
TS 02.09	Security aspects					
R98	current version: 7.1.1	WG (prime / other):	S3 / S1 /	rapporteur:	CHRISTOFFERSSON,	Telia Promotor AB
	freeze_meeting: smg-29	G: yes U:	NP	MCC:	Per	
	history (event, available, version,				POPE, Maurice	
	smg-29 25/06/1999 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	get it		remarks - this release:		
	smg-31 16/02/2000 7 . 1 . 0	get it				
	ETSI publication 29/08/2000 7 . 1 . 1	get it				
<hr/>						
TS 02.11	Service Accessibility					
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1999 7 . 0 . 0	get it		remarks - general:		
	ETSI publication 03/08/1999 7 . 0 . 1	get it		remarks - this release:		
	SP-11 02/04/2001 7 . 1 . 0	get it				

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 02.16	International Mobile Station Equipment Identities (IMEI)					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	EVEN, Anne	France Telecom
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	SP-08 23/06/2000 7 . 2 . 0			get it		
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i>	T3 / S1	<i>rapporteur:</i>	HOOKER, Philip	ORANGE PCS LTD
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-26 26/06/1998 7 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-27 16/10/1998 7 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-29 25/06/1999 7 . 1 . 1			get it		
TS 02.19	Subscriber Identity Module Application Programming Interface (SIM API); Stage 1					
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	DIETRICH, Christian	SchlumbergerSema - Schlumberger Systèmes S.A
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	DIETZE, Claus	
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i> SMG9->T3@#31	
	smg-29 25/06/1999 7 . 1 . 0			get it	<i>remarks - this release:</i>	
TS 02.22	Stage 1 for personalisation of GSM ME					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	DURAND, Romain	ALCATEL S.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
TS 02.24	Description of Charge Advice Information (CAI)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S1 /	<i>rapporteur:</i>	DWYER, Paul	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael	
	<i>history (event, available, version,</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>	

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 02.30	Man-machine Interface (MMI) of the Mobile Station (MS)					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: CLAYTON, Michael			
	<i>history (event, available, version,</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				
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</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				
TS 02.32	Immediate Service Termination (IST); Service description; Stage 1					
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: POPE, Maurice			
	<i>history (event, available, version,</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				
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				

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Server ACTIVE specs R98 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	NOKIA Corporation		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
history (event, available, version,	smg-29 25/06/1999 7 . 0 . 0				get it	remarks - general: remarks - this release:
TS 02.40	Procedures for Call Progress Indications					
R98	current version: 7.0.1	WG (prime / other): S1 / NP	rapporteur: DWYER, Paul	NORTEL NETWORKS (EUROPE)		
	freeze_meeting: smg-29	G: yes U:	MCC: CLAYTON, Michael			
history (event, available, version,	smg-27 16/10/1998 7 . 0 . 0				get it	remarks - general:
	edito 28/07/1999 7 . 0 . 1				get it	remarks - this release:
TS 02.41	Operator Determined Barring					
R98	current version: 7.0.0	WG (prime / other): S1 /	rapporteur: ...,	BUNDESMINISTERIUM FUR WIRTSCHAFT		
	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:
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R98	current version: 7.0.0	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: remarks - this release:
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 7 . 0 . 0					remarks - general:
	smg-28 7 . 1 . 0					remarks - this release:
	SP-05 7 . 2 . 0					
	SP-08 07/09/2000 7 . 3 . 0				get it	

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TS 02.48	Security mechanisms for the SIM Application Toolkit; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	T3 / S3	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	DIETZE, Claus	
history (event, available, version,						
smg-29	25/06/1999	7 . 0 . 0		get it	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		get it	remarks - general: SMG11->S4 at SMG#30	
ETSI publication	16/08/1999	7 . 0 . 1		get it	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		get it	remarks - general:	
smg-28	12/02/1999	7 . 1 . 0		get it	remarks - this release: #27: 7.0.0 #28: 7.1.0 #29: 7.2.0	
ETSI PE	26/05/1999	7 . 1 . 1		get it		
smg-29	25/06/1999	7 . 2 . 0		get it		
ETSI publication	05/09/2000	7 . 2 . 1		get it		
<hr/>						
TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1					
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-25	20/03/1998	7 . 0 . 0		get it	remarks - general:	
smg-29	25/06/1999	7 . 1 . 0		get it	remarks - this release: #25: 7.0.0 #29: 7.1.0	

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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			get it	remarks - general:	
	edito 25/06/1999			get it	remarks - this release:	
	publish EN 300 24/08/2000			get it		
	925					
<hr/>						
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			get it	remarks - general:	
	smg-29 25/06/1999			get it	remarks - this release: #28: 7.0.0	
	ETSI publication 29/12/1999			get it		
<hr/>						
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			get it	remarks - general:	
	smg-27 16/10/1998			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			get it		
	smg-29 25/06/1999			get it		
<hr/>						
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			get it	remarks - general:	
	SP-10 12/01/2001			get it	remarks - this release:	
	SP-14 14/01/2002			get it		

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					Server	ACTIVE specs R98	02 .- series
TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> FREY, Sophie				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it			<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
TS 02.81	Line Identification Supplementary Services; Stage 1						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> BLOMSTRAND, Ola				TeliaSonera AB
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it			<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1						
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne				France Telecom
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i> smg-28 12/02/1999 7 . 0 . 0 smg-29 25/06/1999 7 . 0 . 1			get it get it			<i>remarks - general:</i> <i>remarks - this release:</i> #28: 7.0.0
TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JORGENSEN, Niels H.				TDC TELE DANMARK A/S
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it			<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0
TS 02.84	MultiParty (MPPTY) Supplementary Services; Stage 1						
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> POSTMANN, Erwin				SIEMENS AG
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael				
	<i>history (event, available, version,</i> smg-29 25/06/1999 7 . 0 . 0			get it			<i>remarks - general:</i> <i>remarks - this release:</i> #29: 7.0.0

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TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	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:		
		get it		remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #28: 7.1.0 #29: 7.1.1		
		get it				
		get it				
<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		
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	SLOTTE, Sverre	NOKIA Corporation
	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 02.91	Explicit Call Transfer (ECT)						
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 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1						
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	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 02.95	Support of Private Numbering Plan (SPNP); Service description; Stage 1						
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	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 02.96	Name Identification Supplementary Services; Stage 1						
R98	current version: 7.0.0	WG (prime / other):	S1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)	
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,	smg-29 25/06/1999	7 . 0 . 0		get it	remarks - general:		
					remarks - this release: #29: 7.0.0		
<hr/>							
TS 02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1						
R98	current version: 7.1.0	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd	
	freeze_meeting: smg-29	G: yes U:		MCC:	CLAYTON, Michael		
history (event, available, version,	smg-25 20/03/1998	7 . 0 . 0		get it	remarks - general:		
	smg-29 25/06/1999	7 . 1 . 0		get it	remarks - this release: #25: 7.0.0 (5.x.y withdrawn) #29: 7.1.0		

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R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions								
R98	<i>current version:</i> 7.0.0		WG (prime / other):	S2 / NP	<i>rapporteur:</i>	GAASVIK, Per-Ola	COMVIQ GSM AB		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i>	YOON, Sang-Ui			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0			get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7			
						<i>remarks - this release:</i> #29:7.0.0			
TS 03.02	Network Architecture								
R98	<i>current version:</i> 7.1.0		WG (prime / other):	S2 / NP / T2	<i>rapporteur:</i>	SULTAN, Alain	SOURCE COM		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i>	YOON, Sang-Ui			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0			get it	<i>remarks - general:</i>			
	SP-06 17/12/1999	7 . 1 . 0			get it	<i>remarks - this release:</i> #29: 7.0.0 S#6: 7.1.0			
TS 03.03	Numbering, Addressing and Identification								
R98	<i>current version:</i> 7.7.0		WG (prime / other):	N4 / T2	<i>rapporteur:</i>	RUSSELL, Nick	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i>	KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0			get it	<i>remarks - general:</i>			
	smg-29 25/06/1999	7 . 1 . 0			get it	<i>remarks - this release:</i>			
	NP-05 08/10/1999	7 . 2 . 0			get it				
	NP-06 15/12/1999	7 . 3 . 0			get it				
	edito 11/02/2000	7 . 3 . 1			get it				
	NP-07 15/03/1999	7 . 4 . 0			get it				
	NP-08 17/03/2000	7 . 5 . 0			get it				
	NP-12 27/06/2001	7 . 6 . 0			get it				
	NP-16 26/06/2002	7 . 7 . 0			get it				
						SA did not approve companion CRs to 02.16.			
TR 03.05	Technical performance objectives								
R98	<i>current version:</i> 7.0.0		WG (prime / other):	NP / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> smg-29		G: yes U:		<i>MCC:</i>	BOSWARTHICK, David			
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0			get it	<i>remarks - general:</i>			
						<i>remarks - this release:</i> #29: 7.0.0			

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TS 03.07	Restoration Procedures						
R98	<i>current version: 7.1.0</i>		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David		VODAFONE LTD	
	<i>freeze_meeting: smg-29</i>			Chalmers			
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	smg-29 25/06/1999 7 . 0 . 0						
	NP-06 15/12/1999 7 . 1 . 0						
			get it	<i>remarks - general:</i>			
			get it	<i>remarks - this release:</i>			
<hr/>							
TS 03.08	Organization of Subscriber Data						
R98	<i>current version: 7.4.0</i>		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf		ALCATEL SEL AG	
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>						
	smg-28 12/02/1999 7 . 0 . 0						
	smg-29 25/06/1999 7 . 1 . 0						
	NP-06 17/12/1999 7 . 2 . 0						
	NP-07 15/03/2000 7 . 3 . 0						
	NP-09 31/10/2000 7 . 4 . 0						
			get it	<i>remarks - general:</i>			
			get it	<i>remarks - this release:</i>			
			get it				
			get it				
<hr/>							
TS 03.09	Handover Procedures						
R98	<i>current version: 7.0.0</i>		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND,		Ericsson Incorporated	
	<i>freeze_meeting: smg-29</i>			Rouzbeh			
	<i>history (event, available, version,</i>		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	smg-29 25/06/1999 7 . 0 . 0						
			get it	<i>remarks - general:</i>			
				<i>remarks - this release: #29: 7.0.0</i>			
<hr/>							
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types						
R98	<i>current version: 7.0.1</i>		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		ETSI Secretariat	
	<i>freeze_meeting: smg-29</i>		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>						
	smg-27 16/10/1998 7 . 0 . 0						
	smg-29 26/06/1999 7 . 0 . 1						
			get it	<i>remarks - general:</i>			
			get it	<i>remarks - this release:</i>			

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TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 12/01/2000 7 . 0 . 1		get it	<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
TS 03.12	Location Registration Procedures					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
	edito 10/08/1999 7 . 0 . 1		get it	<i>remarks - this release: #28: 7.0.0</i>		
<hr/>						
TS 03.15	Technical Realization of Operator Determined Barring					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> Chalmers KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #29: 7.0.0</i>		

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TS 03.16 Subscriber Data Management

R98 current version: 7.6.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-06	15/12/1999	7	.	2	.	0
NP-07	15/03/2000	7	.	3	.	0
NP-09	31/10/2000	7	.	4	.	0
NP-11	02/04/2001	7	.	5	.	0
NP-17	17/09/2002	7	.	6	.	0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC:

KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

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[get it](#)

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
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-07	15/03/2000	7	.	3	.	0
NP-09	31/10/2000	7	.	4	.	0

WG (prime / other): N4 / -

G: yes U:

rapporteur: PARK, Ian David

MCC:

KYMALAINEN, Kimmo

VODAFONE LTD

[get it](#) remarks - general:

[get it](#) remarks - this release:

[get it](#)

[get it](#)

[get it](#)

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
smg-29	25/06/1999	7	.	0	.	0
smg-31	16/02/2000	7	.	1	.	0
TP-08	23/06/2000	7	.	2	.	0
TP-08	28/09/2000	7	.	3	.	0
TP-10	07/03/2001	7	.	4	.	0
TP-11	27/07/2001	7	.	5	.	0

WG (prime / other): T3 / -

G: yes U:

rapporteur: DIETRICH, Christian

MCC:

DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

[get it](#) remarks - general: SMG9->T3@#31

[get it](#) remarks - this release:

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TS 03.20	Security-related Network Functions						
R98	current version: 7.2.0	WG (prime / other):	S3 / NP /	rapporteur:	NGUYEN NGOC,	France Telecom	
	freeze_meeting: smg-29		GP		Sebastien		
		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:	#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					
<hr/>							
TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R98	current version: 7.4.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29				Peter Skov		
		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	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:			
				remarks - this release:			
<hr/>							
TR 03.30	Radio Network Planning Aspects						
R98	current version: 7.1.0	WG (prime / other):	GP / -	rapporteur:	TEGTH, Ulf	TeliaSonera AB	
	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-31 16/02/2000	7 . 1 . 0	get it	remarks - this release:	#29: 7.0.0 #31:7.1.0		

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TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2								
R98	current version: 7.0.0	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-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. SP-18: in fact, in 23.031.				
TS 03.32	Universal Geographical Area Description (GAD)								
R98	current version: 7.2.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	SOURCE COM			
	freeze_meeting: smg-29	G: yes U:		MCC:	YOON, Sang-Ui				
	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:					
	SP-18 09/01/2003 7 . 2 . 0	get it							
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:					

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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](#)

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R98 *current version: 7.5.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-27 16/10/1998 7 . 1 . 0 [get it](#) *remarks - this release:*
smg-29 25/06/1999 7 . 2 . 0 [get it](#)
TP-05 08/10/1999 7 . 3 . 0 [get it](#)
TP-06 15/12/1999 7 . 4 . 0 [get it](#)
TP-14 11/01/2002 7 . 5 . 0 [get it](#)

TS 03.41 Technical Realization of Short Message Service Cell Broadcast (SMSCB)

R98 *current version: 7.4.0* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
TP-06 15/12/1999 7 . 2 . 0 [get it](#)
TP-07 15/03/2000 7 . 3 . 0 [get it](#)
TP-09 19/10/2000 7 . 4 . 0 [get it](#)

TS 03.42 SMS Compression

R98 *current version: 7.1.1* WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-29 G: yes U: *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-26 26/06/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release: #26: 7.0.0 #28: 7.1.0*
smg-29 25/06/1999 7 . 1 . 1 [get it](#)

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TR 03.43	Support of Videotex								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release: #29: 7.0.0				
<hr/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release:				
<hr/>									
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
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-29 25/06/1999 7 . 0 . 0 ETSI publication 12/01/2000 7 . 0 . 1			get it get it	remarks - general: remarks - this release:				
<hr/>									
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
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: remarks - this release:				
<hr/>									
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)								
R98	current version: 7.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	freeze_meeting: SP-08	G: yes U:		MCC:	RODERMUND, Friedhelm				
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0			get it	remarks - general: remarks - this release:				

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TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R98	current version: 7.0.1	WG (prime / other): T3 / -	rapporteur: BARNES, Nigel	MOTOROLA Ltd		
	freeze_meeting: smg-29	G: yes U:	MCC: DIETZE, Claus			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general: SMG9->T3@#31			
	smg-29 25/06/1999 7 . 0 . 1	get it	remarks - this release:			
<hr/>						
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)					
R98	current version: 7.0.0	WG (prime / other): T2 / -	rapporteur: RODERMUND, Friedhelm	Vodafone D2 GmbH		
	freeze_meeting: SP-08	G: yes U:	MCC: RODERMUND, Friedhelm			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
			remarks - this release:			
<hr/>						
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System					
R98	current version: 7.1.1	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0 #32:7.1.0			
	smg-32 20/06/2000 7 . 1 . 0	get it				
	ETSI publication 28/11/2000 7 . 1 . 1	get it				
<hr/>						
TS 03.52	Lower layers of the GSM Cordless Telephony System (CTS) radio interface; Stage 2					
R98	current version: 7.1.1	WG (prime / other): G1 / -	rapporteur: GIRAUD, Alexis	ALCATEL S.A.		
	freeze_meeting: smg-29	G: yes U:	MCC: USAI, Paolino			
	history (event, available, version,					
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:			
	ETSI PE 26/05/1999 7 . 0 . 1	get it	remarks - this release: #28: 7.0.0 #29: 7.1.0			
	smg-29 25/06/1999 7 . 1 . 0	get it				
	ETSI publication 05/09/2000 7 . 1 . 1	get it				

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TS 03.53	Tandem Free Operation (TFO); Service description; Stage 2				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / NP / S2	<i>rapporteur:</i> FAUCONNIER, Denis	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 7 . 0 . 0	get it	<i>remarks - general:</i> Mar00: prime responsibility txfrd to SMG11		
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release:</i> #25: 7.0.0		
<hr/>					
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		
<hr/>					
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<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	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-06 15/12/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #27: for info #29: 7.0.0 T#6: 7.1.0 expect TSG#7 CR to fix unimplementable one at TSG#6. TSG#7: 7.2.0		
	TP-07 15/03/2000 7 . 2 . 0	get it			
<hr/>					
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #29: 7.0.0		

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

R98 *current version: 7.9.0* WG (prime / other): S2 / - rapporteur: ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-29 G: yes U: MCC: YOON, Sang-Ui

history (event, available, version,

smg-28	12/02/1998	7	.	0	.	0	get it	remarks - general:
smg-29	25/06/1999	7	.	1	.	0	get it	remarks - this release:
ETSI publication	20/01/2000	7	.	1	.	1	get it	
SP-05	08/10/1999	7	.	2	.	0	get it	
SP-06	15/12/1999	7	.	3	.	0	get it	
ETSI publication	07/07/2000	7	.	3	.	1	get it	
SP-07	15/03/2000	7	.	4	.	0	get it	
ETSI publication	22/09/2000	7	.	4	.	1	get it	
SP-09	01/02/2001	7	.	5	.	0	get it	
SP-11	19/04/2001	7	.	6	.	0	get it	
SP-12	29/06/2001	7	.	7	.	0	get it	
SP-14	08/01/2002	7	.	8	.	0	get it	
edito		7	.	8	.	1		
SP-17	02/10/2002	7	.	9	.	0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R98 *current version: 7.0.0* WG (prime / other): N1 / - rapporteur: JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-29 G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,

smg-31	16/02/2000	7	.	0	.	0	get it	remarks - general:
								remarks - this release:

TS 03.64 General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2

R98 *current version: 7.1.0* WG (prime / other): G1 / - rapporteur: LEPPISAARI, Arto NOKIA Corporation
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,

smg-29	25/06/1999	7	.	0	.	0	get it	remarks - general:
smg-30	11/11/1999	7	.	1	.	0	get it	remarks - this release:

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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.66	Support of GSM Mobile Number Portability (MNP); Stage 2					
R98	<i>current version:</i> 7.3.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> LOPEZ SORIA, Luis	Telefon AB LM Ericsson		
	<i>freeze_meeting:</i> smg-29	<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 Pre-emption Service (eMLPP); Stage 2					
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</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:* YOON, Sang-Ui

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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[get it](#)
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[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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http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.73 Support of Localised Service Area (SoLSA); Stage 2

R98 *current version:* 7.2.0

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

smg-30 11/11/1999 7 . 2 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB

G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:* 2001-10-11: S2->N4 to align with ownership of 23.073.

[get it](#) *remarks - this release:* #27: for info

[get it](#)

TS 03.78 Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2

R98 *current version:* 7.8.1

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

ETSI publication 16/08/1999 7 . 0 . 1

smg-29 25/06/1999 7 . 1 . 0

NP-05 13/10/1999 7 . 2 . 0

NP-07 17/03/2000 7 . 3 . 0

NP-08 23/06/2000 7 . 4 . 0

NP-10 04/01/2001 7 . 5 . 0

NP-12 02/07/2001 7 . 6 . 0

visible figures 04/07/2001 7 . 6 . 1

NP-14 04/01/2002 7 . 7 . 0

NP-16 17/06/2002 7 . 8 . 0

Editorial correction 21/08/2002 7 . 8 . 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:*

[get it](#)

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TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R98 *current version:* 7.3.0

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

NP-05 08/10/1999 7 . 2 . 0

NP-07 15/03/2000 7 . 3 . 0

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD

G: yes U: *MCC:* Chalmers
KYMALAINEN, Kimmo

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 TSG#5: 7.2.0 TSG#7: 7.3.0

[get it](#)

[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: KYMALAINEN, Kimmo	TeliaSonera 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 . 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: KYMALAINEN, Kimmo	TeliaSonera AB		
	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
<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	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				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	T-MOBILE DEUTSCHLAND		
	freeze_meeting: smg-29	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-29 25/06/1999 7 . 0 . 0				get it	remarks - general:
						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: WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	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:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R98 03 .- series
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TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 03.87	User-to-user signalling (UUS); Stage 2					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 7 . 0 . 1	get it	<i>remarks - this release: #28: 7.0.0</i>			
	ETSI publication 17/12/1999 7 . 0 . 2	get it				
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> CHOTAI, Sunil	mm02 plc		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release: #29: 7.0.0</i>			
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</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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TS 03.93 Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.96 Name Identification Supplementary Services; Stage 2
R98 *current version: 7.0.0* WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 03.97 Multiple subscriber Profile (MSP); Stage 2
R98 *current version: 7.2.0* WG (prime / other): N4 / - *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-29 G: yes U: *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
NP-05 08/10/1999 7 . 1 . 1 [get it](#)
NP-06 15/12/1999 7 . 2 . 0 [get it](#)

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles
R98 *current version: 7.0.0* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

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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* *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.03 Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities
R98 *current version: 7.0.0* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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:*
remarks - this release:

TS 04.04 Layer 1 - General Requirements
R98 *current version: 7.0.0* *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: smg-29 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects
R98 *current version: 7.1.2* *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels 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 12/01/2000 7 . 0 . 1 [get it](#) *remarks - this release:*
smg-31 16/02/2000 7 . 1 . 0 [get it](#)
Editorial correction 16/03/2000 7 . 1 . 1 [get it](#)
ETSI publication 22/09/2000 7 . 1 . 2 [get it](#)

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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](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.08 Mobile radio interface layer 3 specification

R98 current version: 7.19.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
edito	15/07/1999	7	.	1	.	1
ETSI OAP	11/08/1999	7	.	1	.	2
ETSI publication	29/12/1999	7	.	1	.	3
NP-05	08/10/1999	7	.	2	.	0
smg-30 bis	06/12/1999	7	.	3	.	0
NP-06	15/12/1999	7	.	4	.	0
ETSI publication	20/09/2000	7	.	4	.	2
smg-31	16/02/2000	7	.	5	.	0
edito	20/02/2000	7	.	5	.	1
NP-07	15/03/2000	7	.	6	.	0
ETSI publicaton	05/10/2000	7	.	6	.	1
smg-31 bis	17/04/2000	7	.	7	.	0
smg-32	28/06/2000	7	.	8	.	0
GP-01/NP-09	12/10/2000	7	.	9	.	0
edito	02/11/2000	7	.	9	.	1
NP-10	02/01/2001	7	.	10	.	0
GP-04	11/04/2001	7	.	11	.	0
GP-05	18/06/2001	7	.	12	.	0
NP-12	13/07/2001	7	.	13	.	0
GP-06	14/09/2001	7	.	14	.	0
GP-07	04/01/2002	7	.	15	.	0
NP-14	07/01/2002	7	.	16	.	0
GP-08	19/02/2002	7	.	17	.	0
NP-17	17/09/2002	7	.	18	.	0
NP-18	18/12/2002	7	.	19	.	0

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

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remarks - general: 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

[get it](#)

remarks - this release: Thomasen (even numbered CRs!)

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G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
R98	current version: 7.1.0	WG (prime / other): N4 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29		Peter Skov		
		G: yes U:	MCC: KYMALAINEN, Kimmo		
	history (event, available, version,				
	smg-28 12/02/1999 7 . 0 . 0	get it	remarks - general:		
	smg-29 25/06/1999 7 . 0 . 1	get it	remarks - this release:		
	NP-14 10/01/2002 7 . 1 . 0	get it			
<hr/>					
TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface				
R98	current version: 7.1.0	WG (prime / other): N1 / -	rapporteur: NOBUYUKI, Uda	NTT COMWARE Corporation	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:		
	NP-09 12/10/2000 7 . 1 . 0	get it	remarks - this release:		
<hr/>					
TS 04.12	Short Message Service Cell Broadcast (SMS-CB) Support on the Mobile Radio Interface				
R98	current version: 7.0.1	WG (prime / other): G2 / T2	rapporteur: ANDERSEN, Niels	MOTOROLA A/S	
	freeze_meeting: smg-29		Peter Skov		
		G: yes U:	MCC: THOMASEN, Gert		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	get it	remarks - general:		
	ETSI publication 12/01/2000 7 . 0 . 1	get it	remarks - this release: #29: 7.0.0		
<hr/>					
TS 04.13	Performance Requirements on Mobile Radio Interface				
R98	current version: 7.0.1	WG (prime / other): N1 / -	rapporteur: PUDNEY, Chris	VODAFONE Group Plc	
	freeze_meeting: smg-29	G: yes U:	MCC: JORGENSEN, Per Johan		
	history (event, available, version,				
	smg-29 25/06/1999 7 . 0 . 0	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 04.14	Individual equipment type requirements and interworking; Special conformance testing functions								
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>					
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>					
	smg-32 20/06/2000	7 . 2 . 0	get it						
	GP-10 19/07/2002	7 . 3 . 0	get it						

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R98	<i>current version:</i> 7.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	7 . 0 . 0	get it	<i>remarks - general:</i>					
	edito	7 . 0 . 1		<i>remarks - this release: #27: 7.0.0 TSG#8:7.1.0</i>					
	smg-29 25/06/1999	7 . 0 . 2	get it						
	ETSI publication 14/12/1999	7 . 0 . 3	get it						
	NP-08 21/06/2000	7 . 1 . 0	get it						

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
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	G: yes U:	<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: #28: 7.0.0 TSG#6: 7.1.0</i>					

TS 04.30	Location Services (LCS); Supplementary service operations; Stage 3								
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)					
	<i>freeze_meeting:</i> smg-29	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo						
	<i>history (event, available, version,</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 S.A.	
	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 S.A.	
	<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		

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		

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	<i>current version:</i> 7.5.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	SP-06 15/12/1999	7 . 2 . 0	get it		
	smg-31 16/02/2000	7 . 3 . 0	get it		
	NP-10 02/01/2001	7 . 4 . 0	get it		
	NP-14 04/01/2002	7 . 5 . 0	get it		
<hr/>					
TS 04.65	General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)				
R98	<i>current version:</i> 7.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DOIG, Ian	MOTOROLA S.A.S	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i> 24.065 existed, but scrapped since 04.65 is GSM only.	
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	post SP-06 15/12/1999	7 . 2 . 0	get it		
	smg-31 16/02/2000	7 . 3 . 0	get it		
<hr/>					
TS 04.67	Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3				
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SCHMITT, Peter	SIEMENS AG	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	ETSI publication 12/01/2000	7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0	
<hr/>					
TS 04.68	Group Call Control (GCC) Protocol				
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-30 11/11/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	NP-07 15/03/2000	7 . 2 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.69	Broadcast Call Control (BCC) protocol					
R98	current version: 7.2.0	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)
	freeze_meeting: smg-29	G: yes	U:	MCC:	JORGENSEN, Per Johan	
	history (event, available, version,					
	smg-29 25/06/1999	7	. 0 . 0	get it	remarks - general:	
	smg-30 11/11/1999	7	. 1 . 0	get it	remarks - this release:	
	NP-07 15/03/2000	7	. 2 . 0	get it		

TS 04.71	Location Services (LCS); Mobile radio interface layer 3 specification					
R98	current version: 7.5.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-29	G: yes	U:	MCC:	Peter Skov THOMASEN, Gert	
	history (event, available, version,					
	smg-28 12/02/1999	1	. 0 . 0	get it	remarks - general:	Was SMG2 till TSG#6; MCC expt changed from AI Bakri Jan 2000.
	smg-29 25/06/1999	7	. 0 . 0	get it	remarks - this release:	
	smg-30 bis 15/12/1999	7	. 1 . 1	get it		
	smg-32 28/06/2000	7	. 2 . 0	get it		
	GP-05 18/06/2001	7	. 3 . 0	get it		
	GP-07 08/01/2002	7	. 4 . 0	get it		
	GP-10 22/07/2002	7	. 5 . 0	get it		

TS 04.72	Call Deflection (CD) Supplementary Service; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999	7	. 0 . 0	get it	remarks - general:	
	ETSI publication 30/10/2001	7	. 0 . 1	get it	remarks - this release:	#27: for info #28: 7.0.0

TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
R98	current version: 7.4.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999	7	. 0 . 0	get it	remarks - general:	
	NP-06 15/12/1999	7	. 1 . 0	get it	remarks - this release:	
	NP-07 15/03/2000	7	. 2 . 0	get it		
	NP-08 21/06/2000	7	. 3 . 0	get it		
	NP-09 28/09/2000	7	. 4 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 04.81 Line Identification Supplementary Services; Stage 3

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0*

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R98 *current version: 7.0.2*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
<to be defined> 14/12/1999 7 . 0 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

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[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #28: 7.0.0*

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* SHARP, Iain
G: yes U: MCC: KYMALAINEN, Kimmo

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0*

TS 04.84 Multi Party (MPPTY) Supplementary Services; Stage 3

R98 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0
ETSI Publication 12/01/2000 7 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen
G: yes U: MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
[get it](#) *remarks - this release: #29: 7.0.0*

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*
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 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					
<hr/>						
TS 04.87	User-to-User Signalling (UUS) Supplementary Service; Stage 3					
R98	current version: 7.0.2	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-28 12/02/1999			get it	remarks - general:	
	ETSI Publication 16/12/1999			get it	remarks - this release: #28: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 2					
<hr/>						
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R98	current version: 7.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
					remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R98	current version: 7.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-29 25/06/1999			get it	remarks - general:	
	ETSI Publication 12/01/2000			get it	remarks - this release: #29: 7.0.0	
	7 . 0 . 0					
	7 . 0 . 1					

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 04.93 Completion of Calls to Busy Subscriber (CCBS); Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

TS 04.96 Name Identification Supplementary Services; Stage 3

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #29: 7.0.0

R98 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

R98 *current version: 7.2.0*
freeze_meeting: smg-29
history (event, available, version,
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

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[get it](#) *remarks - this release:*
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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

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

smg-30 11/11/1999 7 . 2 . 0

smg-30 bis 06/12/1999 7 . 3 . 0

ETSI publication 17/07/2000 7 . 3 . 1

smg-31 16/02/2000 7 . 4 . 0

ETSI publication 29/09/2000 7 . 4 . 1

smg-31 bis 17/04/2000 7 . 5 . 0

ETSI publication 17/10/2000 7 . 5 . 1

GP-02 24/11/2000 7 . 6 . 0

edito 30/11/2000 7 . 6 . 1

edito 20/04/2001 7 . 6 . 2

GP-06 01/10/2001 7 . 7 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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[get it](#) remarks - this release:

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TS 05.03 Channel coding

R98 current version: 7.3.1

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

smg-30 11/11/1999 7 . 2 . 0

smg-31 16/02/1999 7 . 3 . 0

ETSI publication 17/02/2001 7 . 3 . 1

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) remarks - general:

[get it](#) remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0

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TS 05.04 Modulation

R98 current version: 7.3.0

freeze_meeting: smg-29

history (event, available, version,

smg-29 25/06/1999 7 . 0 . 0

ETSI publication 20/06/2000 7 . 0 . 1

smg-30 bis 06/12/1999 7 . 1 . 0

ETSI publication 20/06/2000 7 . 1 . 1

GP-03 15/02/2001 7 . 2 . 0

GP-05 29/06/2001 7 . 3 . 0

WG (prime / other): G1 / - rapporteur: SÉBIRE, Benoist

G: yes U: MCC: USAI, Paolino

NOKIA Corporation

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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: 7.9.0*

freeze_meeting: smg-29

history (event, available, version,

smg-28 12/02/1999 7 . 0 . 0

smg-29 25/06/1999 7 . 1 . 0

ETSI publication 14/12/1999 7 . 1 . 1

smg-30 11/11/1999 7 . 2 . 0

smg-31 16/02/2000 7 . 3 . 0

ETSI publication 15/10/2000 7 . 3 . 1

smg-31 bis 17/04/2000 7 . 4 . 0

GP-01 10/10/2000 7 . 5 . 0

GP-06 01/10/2001 7 . 6 . 0

GP-09 06/05/2002 7 . 7 . 0

GP-10 19/07/2002 7 . 8 . 0

GP-11 19/09/2002 7 . 9 . 0

WG (prime / other): G1 / - *rapporteur:* SAMUELSSON, Mats

G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

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TS 05.08 Radio Subsystem Link Control

R98 *current version: 7.7.0*

freeze_meeting: smg-29

history (event, available, version,

smg-25 7 . 0 . 0

smg-29 7 . 1 . 0

smg-30 7 . 2 . 0

smg-30b 7 . 3 . 0

ETSI publication 7 . 3 . 1

smg-31 bis 17/04/2000 7 . 4 . 0

ETSI publication 7 . 4 . 1

GP-01 10/10/2000 7 . 5 . 0

GP-02 24/11/2000 7 . 6 . 0

edito 30/11/2000 7 . 6 . 1

GP-06 01/10/2001 7 . 7 . 0

WG (prime / other): G1 / - *rapporteur:* EL-SAIGH, Amer

G: yes U: *MCC:* USAI, Paolino

VODAFONE Group Plc

remarks - general:

remarks - this release:

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.09	Link adaptation					
R98	<i>current version:</i> 7.7.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	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				<i>remarks - general:</i>	
	smg-29 24/06/1999				<i>remarks - this release:</i>	
	ETSI publication 16/12/1999					
	smg-30 11/11/1999					
	smg-31 16/02/1999					
	ETSI publication 05/10/2000					
	smg-32 28/06/2000					
	GP-02 01/09/2000					
	GP-03 15/02/2001					
	remove revision 31/07/2001					
	marks					
	GP-06 01/10/2001					
	GP-07 04/01/2002					
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				<i>remarks - general:</i>	
	smg-29 25/06/1999				<i>remarks - this release:</i> GERAN#2:7.4.0	
	ETSI publication 14/12/1999					
	smg-30 11/11/1999					
	smg-31 bis 17/04/2000					
	ETSI publication 17/10/2000					
	GP-02 24/11/2000					
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				<i>remarks - general:</i> Originally allocated as 09.20. Changed by request of GERAN chair 2000-11-09.	
	GP-05 29/06/2001				<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				GERAN#2:7.0.0	

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Server ACTIVE specs R98 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TR 05.22	Radio link management in hierarchical networks				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> VAN BUSSEL, Han	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</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:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-26 26/06/1998 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i> #26: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.3.0 #31b:7.4.0		
	smg-30 11/11/1999 7 . 2 . 0	get it			
	smg-31 16/02/2000 7 . 3 . 0	get it			
	smg-31 bis 17/04/2000 7 . 4 . 0	get it			
<hr/>					
TS 05.56	GSM Cordless Telephony System (CTS), Phase 1; CTS-Fixed Part (FP) radio subsystem				
R98	<i>current version:</i> 7.1.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-29 25/06/1999 7 . 1 . 0	get it	<i>remarks - this release:</i>		
	ETSI Publication 05/09/2000 7 . 1 . 1	get it			
<hr/>					
TR 05.90	GSM Electromagnetic Compatibility (EMC) considerations				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> SP-11	G: yes U:	MCC: USAI, Paolino		
	<i>history (event, available, version,</i>				
	upgrade to R98 10/04/2001 7 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> 2001-01-31: Record created on request of GERAN convenor. No R99 required tho.		

R98

06 .- series

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Server ACTIVE specs R98 06 .- series
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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>	
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>	
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>	
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>	
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 29/03/2000			get it			
	files						
	inclusion of doc 31/05/2000			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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 17/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
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TS 06.22	Comfort Noise Aspects for Half Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One		
	<i>freeze_meeting:</i> smg-29	<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 13/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 20/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #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	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	BARRETT, Paul				Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0	get it						<i>remarks - general:</i>	
	ETSI Publication 20/01/2000 7 . 0 . 1	get it						<i>remarks - this release:</i> #29: 7.0.0	
<hr/>									
TS 06.51	GSM Enhanced full rate speech processing functions: General description								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 7 . 0 . 0	get it						<i>remarks - general:</i>	
	smg-29 25/06/1999 7 . 0 . 1	get it						<i>remarks - this release:</i> #28: 7.0.0 #32:7.1.0 TSG#10:7.2.0	
	smg-32 20/06/2000 7 . 1 . 0	get it							
	ETSI publication 30/11/2000 7 . 1 . 1	get it							
	SP-10 20/12/2000 7 . 2 . 0	get it							
<hr/>									
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec								
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0	get it						<i>remarks - general:</i>	
	ETSI Publication 12/01/2000 7 . 0 . 1	get it						<i>remarks - this release:</i>	
<hr/>									
TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)								
R98	<i>current version:</i> 7.2.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari				NOKIA Corporation
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0	get it						<i>remarks - general:</i>	
	ETSI publication 12/01/2000 7 . 0 . 1	get it						<i>remarks - this release:</i>	
	SP-10 20/12/2000 7 . 2 . 0	get it							

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Server ACTIVE specs R98 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 13/12/1999 7 . 0 . 2	get it	<i>remarks - this release:</i> #28: 7.0.0			
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
R98	<i>current version:</i> 7.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari		NOKIA Corporation	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 12/01/2000 7 . 0 . 1	get it	<i>remarks - this release:</i> #29: 7.0.0			
<hr/>						
TS 06.71	Adaptive Multi-Rate speech processing functions; General description					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 7 . 0 . 0	get it	<i>remarks - general:</i> SMG11->S4 at SMG#30			
	ETSI Publication 16/12/1999 7 . 0 . 2	get it	<i>remarks - this release:</i> #28: 7.0.0			

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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	<i>current version:</i> 7.6.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> USAI, Paolino			Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	7 . 0 . 0		get it	<i>remarks - general:</i> SMG11->S4 at SMG#30				
	smg-29 25/06/1999	7 . 1 . 0		get it	<i>remarks - this release:</i> #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0.0 TSG#7: 7.4.0 TSG#11:7.5.0				
	smg-30 11/11/1999	7 . 2 . 0		get it					
	SP-06 17/12/1999	7 . 3 . 0		get it					
	SP-07 15/03/2000	7 . 4 . 0		get it					
	ETSI Publication 28/09/2000	7 . 4 . 1		get it					
	SP-11 10/04/2001	7 . 5 . 0		get it					
	SP-14 09/01/2002	7 . 6 . 0		get it					

TS 06.74	Test sequences for the GSM Adaptive Multi Rate (AMR) speech codec								
R98	<i>current version:</i> 7.3.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> EKUDDEN, Erik			Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999	2 . 0 . 0		get it	<i>remarks - general:</i> SMG11->S4 at SMG#30				
	SP-06 17/12/1999	7 . 0 . 0		get it	<i>remarks - this release:</i>				
	corrected test 04/02/2000	7 . 0 . 1		get it					
	vectors								
	corrected test 14/09/2000	7 . 0 . 2		get it					
	vectors								
	ETSI publication 05/10/2000	7 . 0 . 3		get it					
	SP-11 10/04/2001	7 . 1 . 0		get it					
	corrected tests 04/07/2001	7 . 1 . 1		get it					
	SP-15 28/03/2002	7 . 2 . 0		get it					
	SP-16 28/06/2002	7 . 3 . 0		get it					

TR 06.75	Performance characterization of the GSM Adaptive Multi-Rate (AMR) speech codec								
R98	<i>current version:</i> 7.2.0		<i>WG (prime / other):</i> S4 / -		<i>rapporteur:</i> USAI, Paolino			Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-29		<i>G: yes U:</i>		<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999	1 . 0 . 0		get it	<i>remarks - general:</i> SMG11->S4 at SMG#30				
	smg-30 11/11/1999	7 . 0 . 0		get it	<i>remarks - this release:</i> SMG#29 1.0.0 for information SMG#30: 7.0.0 SA#6: 7.1.0. TSG#7: 7.2.0				
	SP-06 17/12/1999	7 . 1 . 0		get it					
	SP-07 17/03/2000	7 . 2 . 0		get it					

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TR 06.76	Adaptive Multi-Rate (AMR) speech codec; Study phase report					
R98	<i>current version:</i> 7.0.2	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-31 16/02/2000 1 . 0 . 0			get it	<i>remarks - general:</i>	New at SMG#31. Then became 06.77; new 06.76 has new title.
	SP-07 2 . 0 . 0 SP-000023				<i>remarks - this release:</i>	
	SP-07 17/03/2000 7 . 0 . 0			get it		
	fix invisible 10/01/2002 7 . 0 . 1			get it		
	refix invisible 15/01/2002 7 . 0 . 2			get it		
	figures					
<hr/>						
TS 06.81	Discontinuous Transmission (DTX) for 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		
<hr/>						
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
<hr/>						
TR 06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation					
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino	
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	#29: 7.0.0

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TS 06.90 Adaptive Multi-Rate speech transcoding

R98 *current version:* 7.2.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
ETSI Publication 09/05/2000 7 . 2 . 1 [get it](#)

TS 06.91 Substitution and muting of lost frames for AMR speech traffic channels

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #30: 7.1.0
ETSI Publication 09/05/2000 7 . 1 . 1 [get it](#)

TS 06.92 Comfort noise aspects for Adaptive Multi-Rate speech traffic channels

R98 *current version:* 7.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0
ETSI Publication 17/12/1999 7 . 1 . 1 [get it](#)

TS 06.93 Discontinuous Transmission (DTX) for Adaptive Multi-Rate speech traffic channels

R98 *current version:* 7.5.0 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 SA#6: 7.3.0 TSG#8:7.4.0 TSG#10:7.5.0
smg-30 11/11/1999 7 . 2 . 0 [get it](#)
SP-06 17/12/1999 7 . 3 . 0 [get it](#)
ETSI publication 21/03/2001 7 . 3 . 1 [get it](#)
SP-08 28/06/2000 7 . 4 . 0 [get it](#)
ETSI publication 30/11/2000 7 . 4 . 1 [get it](#)
SP-10 21/12/2000 7 . 5 . 0 [get it](#)

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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 Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general: SMG11->S4 at SMG#30*
smg-29 25/06/1999 7 . 1 . 0 [get it](#) *remarks - this release: #28: 7.0.0 #29: 7.1.0*
ETSI Publication 22/12/1999 7 . 1 . 1 [get it](#)

R98 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R98 *current version: 7.1.1* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-29 G: yes U: MCC: BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 7 . 0 . 0 [get it](#) *remarks - general:*
smg-28 12/02/1999 7 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 10/08/1999 7 . 1 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R98 *current version: 7.0.1* WG (prime / other): N3 / - rapporteur: HUSLENDE, Ragnar 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: HUSLENDE, Ragnar 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:*

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R98 *current version:* 7.8.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
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](#)
TP-19 7 . 8 . 0

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](#)

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http://www.3gpp.org/ftp/Specs/archive/07_series

R98 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01	General Aspects on the BSS-MSC Interface					
R98	current version: 7.0.0 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:	
<hr/>						
TS 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 THOMASEN, Gert	MOTOROLA A/S		
	history (event, available, version, smg-29 25/06/1999 7 . 0 . 0	G: yes U:	MCC:		get it remarks - general: remarks - this release:	
<hr/>						
TS 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 THOMASEN, Gert	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:		get it remarks - general: get it remarks - this release:	
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
R98	current version: 7.0.1 freeze_meeting: smg-29	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov THOMASEN, Gert	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:		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 R98 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

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-25	20/03/1998	7	.	0	.	0
smg-28	12/02/1999	7	.	1	.	0
smg-29	25/06/1999	7	.	2	.	0
smg-30	11/11/1999	7	.	3	.	0
smg-30 bis	06/12/1999	7	.	4	.	0
smg-31 bis	17/04/2000	7	.	5	.	0
smg-31	16/02/2000	7	.	5	.	0
smg-32	20/06/2000	7	.	6	.	0
edito	14/09/2000	7	.	6	.	1
GP-01	11/10/2000	7	.	7	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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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

R98 *current version: 7.0.1* 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-28	12/02/1999	7	.	0	.	0
ETSI Publication	30/08/1999	7	.	0	.	1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service

R98 *current version: 7.1.0* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29

G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol					
R98	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	
history (event, available, version,					THOMASEN, Gert	
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	
history (event, available, version,					THOMASEN, Gert	
smg-29	25/06/1999	7	. 0 . 0	get it	remarks - general:	
					remarks - this release:	

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Server ACTIVE specs R98 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					
R98	<i>current version: 7.0.0</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</i>	<i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<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:</i>		
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R98	<i>current version: 7.0.0</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</i>	<i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<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:</i>		
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R98	<i>current version: 7.0.0</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</i>	<i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<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:</i>		
<hr/>						
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
R98	<i>current version: 7.4.1</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</i>	<i>U:</i>	<i>MCC:</i>	THOMASEN, Gert	
	<i>history (event, available, version,</i>					
	<i>smg-28 12/02/1999 7 . 0 . 0</i>	get it		<i>remarks - general:</i>		
	<i>smg-29 25/06/1999 7 . 1 . 0</i>	get it		<i>remarks - this release: #28: 7.0.0 #29: 7.1.0 #30: 7.2.0 #31:7.4.0</i>		
	<i>smg-30 11/11/1999 7 . 2 . 0</i>	get it				
	<i>smg-31 16/02/2000 7 . 4 . 0</i>	get it				
	<i>ETSI Publication 26/05/2000 7 . 4 . 1</i>	get it				

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Server ACTIVE specs R98 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R98 *current version: 7.3.0* WG (prime / other): G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-29 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 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 Telecom Italia Lab S.p.A.
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:* SMG11->S4 at SMG#30
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: 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 bis 06/12/1999	7 . 1 . 0	get it	<i>remarks - this release:</i>	
	edito 31/12/1999	7 . 1 . 1	get it		
	smg-31 16/02/2000	7 . 2 . 0	get it		
	smg-31 bis 17/04/2000	7 . 3 . 0	get it		
	GP-02 30/11/2000	7 . 4 . 0	get it		
	GP-06 14/09/2001	7 . 5 . 0	get it		
	GP-07 08/01/2002	7 . 6 . 0	get it		

R98 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios				
R98	<i>current version:</i> 7.0.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-29	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-29 25/06/1999	7 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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Server ACTIVE specs R98 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.02 Mobile Application Part (MAP) Specification

R98 current version: 7.13.0

freeze_meeting: smg-29

history (event, available, version,

smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
NP-05	08/10/1999	7	.	2	.	0
NP-06	13/12/1999	7	.	3	.	0
NP-07	15/03/2000	7	.	4	.	0
NP-08	21/06/2000	7	.	5	.	0
edito	04/09/2000	7	.	5	.	1
NP-09	08/11/2000	7	.	6	.	0
NP-10	21/12/2000	7	.	7	.	0
NP-11	06/04/2001	7	.	8	.	0
NP-12	06/07/2001	7	.	9	.	0
NP-14	18/01/2002	7	.	10	.	0
NP-15	04/04/2002	7	.	11	.	0
NP-18	08/01/2003	7	.	12	.	0
NP-19		7	.	13	.	0

WG (prime / other): N4 / -

G: yes U:

rapporteur: WIEHE, Ulrich

MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general: CN->N4 Apr00 (JMM)

[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

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".

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".

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 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R98	<i>current version:</i> 7.0.0	WG (prime / other):	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> N3: "no R99 needed".				
					<i>remarks - this release:</i> #29: 7.0.0				
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R98	<i>current version:</i> Switched Data Transmission Services	7.0.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	BOSWARTHICK, David		
ETSI Secretariat									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i> N3: "no R99 needed".				
					<i>remarks - this release:</i> #29: 7.0.0				
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R98	<i>current version:</i> Network (PSTN)	7.2.0	WG (prime / other):	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-28 12/02/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #27: 7.0.0 #28: 7.1.0 #29: 7.1.1 N#6: 7.2.0				
	smg-29 25/06/1999 7 . 1 . 1			get it					
	NP-06 15/12/1999 7 . 2 . 0			get it					
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R98	<i>current version:</i> 7.2.0	WG (prime / other):	N1 / -	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated				
	<i>freeze_meeting:</i> smg-29	G: yes	U:	<i>MCC:</i>	Rouzbeh JORGENSEN, Per Johan				
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 7 . 0 . 0			get it	<i>remarks - general:</i>				
	smg-30 11/11/1999 7 . 1 . 0			get it	<i>remarks - this release:</i> #29: 7.0.0 #30: 7.1.0 tsg#6:(7.1.0 then) 7.2.0				
	NP-06 13/12/1999 7 . 2 . 0			get it					

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Server ACTIVE specs R98 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								
R98	current version: Procedures and the Mobile Application Part (MAP)	7.2.0	WG (prime / other):	N4	/ -	rapporteur:		KYMALAINEN, Kimmo	
TeliaSonera AB									
	freeze_meeting: smg-29		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
history (event, available, version,									
	smg-29	25/06/1999	7	.	0	.	0	get it	remarks - general:
	NP-06	15/12/1999	7	.	1	.	0	get it	remarks - this release: #29: 7.0.0 TSG#6: 7.1.0 TSG#11:7.2.0
	NP-11	04/04/2001	7	.	2	.	0	get it	
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
R98	current version: 7.0.1		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
history (event, available, version,									
	smg-28	12/02/1999	7	.	0	.	0	get it	remarks - general:
	ETSI Publication	12/03/1999	7	.	0	.	1	get it	remarks - this release: #28: 7.0.0
<hr/>									
TS 09.13	Signalling interworking between ISDN supplementary services Application Service Element (ASE) and Mobile Application Part (MAP) protocols								
R98	current version: 7.0.0		WG (prime / other):	N4	/ -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	freeze_meeting: smg-29		G: yes	U:		MCC:		KYMALAINEN, Kimmo	
history (event, available, version,									
	smg-29	25/06/1999	7	.	0	.	0	get it	remarks - general:
									remarks - this release:
<hr/>									
TS 09.14	Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling								
R98	current version: 7.0.2		WG (prime / other):	SPA	/ N4	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)
<hr/>									
TS 09.16	General Packet Radio Service (GPRS); Serving GPRS Support Node (SGSN) - Visitors Location Register (VLR); Gs interface network service specification								
R98	current version: 7.0.1		WG (prime / other):	N1	/ -	rapporteur:	MILLS, Duncan	VODAFONE Group Plc	
	freeze_meeting: smg-29		G: yes	U:		MCC:		JORGENSEN, Per Johan	
history (event, available, version,									
	smg-28	12/02/1999	7	.	0	.	0	get it	remarks - general:
	ETSI Publication	17/08/1999	7	.	0	.	1	get it	remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 (GTP) across the Gn and Gp Interface				
R98	current version: 7.10.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: smg-29	G: yes U:		MCC:	KYMALAINEN, Kimmo
	history (event, available, version,				
	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	get it	prob with figures. Expect an update.	
	make figures visible	09/08/2001	7 . 7 . 2	get it	
	NP-13 03/10/2001	7 . 8 . 0	get it		
	NP-16 21/06/2002	7 . 9 . 0	get it		
	NP-18 07/01/2003	7 . 10 . 0	get it		

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)				
R98	current version: 7.9.0	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		
	NP-18 09/01/2003	7 . 8 . 0	get it		
	NP-19	7 . 9 . 0			

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 09.78	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:				
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R98	current version: 7.0.1		WG (prime / other): N1 / -	rapporteur: ANDERSEN, Niels	MOTOROLA A/S				
	freeze_meeting: smg-28		G: yes U:	MCC: JORGENSEN, Per Johan					
	history (event, available, version,								
	NP-16 26/06/2002	7 . 0 . 0		get it	remarks - general:				
	edito post NP-18 16/12/2002	7 . 0 . 1	minor editorials to change style from TS to TR.	get it	remarks - this release: 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.				
<hr/>									
TR 09.95	Interworking between modified PLMN supporting GPRS and legacy GPRS mobiles								
R98	current version: 7.3.0		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	7 . 0 . 0		get it	remarks - general:				
	GP-07 04/01/2002	7 . 1 . 0		get it	remarks - this release:				
	GP-08 19/02/2002	7 . 2 . 0		get it					
	GP-12 03/01/2003	7 . 3 . 0		get it					

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.00	Digital Cellular Telecommunication System Feature Description								
R98	current version: 7.1.0		WG (prime / other): S2 / -	rapporteur: BERGMANN, Ansgar	Deutsche Telekom AG				
	freeze_meeting: smg-29		G: yes U:	MCC: YOON, Sang-Ui					
	history (event, available, version,								
	smg-27 16/10/1998	7 . 1 . 0		get it	remarks - general:				
					remarks - this release: #27: 7D1.0				

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 10.56 Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1
R98 *current version:* 7.0.0 *WG (prime / other):* S2 / - *rapporteur:* GALLIGO, Michel ALCATEL S.A.
freeze_meeting: smg-29 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
draft 28/08/1998 2 . 0 . 1 [get it](#) *remarks - general:*
smg-27 09/02/2000 7 . 0 . 0 [get it](#) *remarks - this release:*

TS 10.70 GSM Adaptive Multi-Rate Speech Codec (AMR); Project schedule and open issues for AMR
R98 *current version:* 0.2.1 DRAFT *WG (prime / other):* S4 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: smg-29 *G: yes U:* *MCC:*
history (event, available, version,
smg-27 16/10/1998 0 . 0 . 1 [get it](#) *remarks - general:*
smg-28 12/02/1999 0 . 2 . 0 [get it](#) *remarks - this release:*
draft 05/02/1999 0 . 2 . 1 [get it](#)

R98 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification
R98 *current version:* 7.3.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-29 NP /
T2 /
SCP
/ G4
G: yes U: *MCC:* SALMERON, Lidia
history (event, available, version,
smg-29 25/06/1999 7 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-30 11/11/1999 7 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases). GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-31 16/02/2000 7 . 2 . 0 [get it](#)
editorial correction 16/02/2000 7 . 2 . 1 [get it](#)
GP-06 06/09/2001 7 . 3 . 0 [get it](#)

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 Subscriber Interface Module (SIM) Application Programme Interface (API) for Java card

R98 *current version: 7.4.2* WG (prime / other): T3 / - *rapporteur:* LLOBREGAT, Fernando OBERTHUR CARD SYSTEMS S.A.
freeze_meeting: SP-11 G: yes U: *MCC:* DIETZE, Claus

history (event, available, version,

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	7.0.0. had wrong date on cover page / header
TP-12	12/07/2001	7	.	1	.	0	get it	
TP-13	12/10/2001	7	.	2	.	0	get it	
TP-14	01/02/2002	7	.	3	.	0	get it	
TP-15	04/04/2002	7	.	4	.	0	get it	
edito post TP-15	12/04/2002	7	.	4	.	1	get it	adds missing annex attachments
edito post TP-17	18/09/2002	7	.	4	.	2	get it	changes reference to withdrawn ETSI TS.

G = required in systems with GERAN 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 (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface						
R98	<i>current version: 7.7.0</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	WOODSEND, Kristian	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: smg-29</i>						
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus		
	smg-26 26/06/1998						get it <i>remarks - general:</i>
	smg-27 16/10/1998						get it <i>remarks - this release:</i>
	smg-28 12/02/1999						get it
	smg-29 25/06/1999						get it
	smg-31 16/02/2000						get it
	smg-32 28/06/2000						get it
	TP-09 18/10/2000						get it
	TP-12 06/07/2001						get it

TS 11.17	Subscriber Interface Module (SIM) test specification						
R98	<i>current version: 7.0.2</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	BRENNER, David	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: smg-29</i>						
	<i>history (event, available, version,</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus		
	smg-28 12/02/1999						get it <i>remarks - general:</i>
	ETSI Publication 14/12/1999						get it <i>remarks - this release:</i>

TS 11.18	Specification of the 1.8 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface						
R98	<i>current version: 7.0.1</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	LINDHOLM, Rune	NOKIA MOBILE PHONES	
	<i>freeze_meeting: smg-29</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus		
	<i>history (event, available, version,</i>						
	smg-25 20/03/1998						get it <i>remarks - general:</i>
	smg-28 12/02/1999						get it <i>remarks - this release: #25: 1.0.0 #28: 7.0.0</i>
	ETSI Publication 17/08/1999						get it

TS 11.19	CTS SIM Fixed Part						
R98	<i>current version: 7.0.3</i>	<i>WG (prime / other):</i>	T3 / -	<i>rapporteur:</i>	HUBBE, Pascal	ALCATEL S.A.	
	<i>freeze_meeting: smg-29</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	DIETZE, Claus		
	<i>history (event, available, version,</i>						
	smg-28 12/02/1999						get it <i>remarks - general:</i>
	ETSI Publication 05/09/2000						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: 7.4.0* 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](#)
GP-12 03/01/2003 7 . 3 . 0 [get it](#)
GP-13 21/02/2003 7 . 4 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

R98 *current version: 7.0.0* WG (prime / other): G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-29 G: yes U: MCC: USAI, Paolino

history (event, available, version,
GP-09 06/05/2002 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: GP-09 (Usai) created to fill the Release gap.

R98

12 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management

R98 *current version: 7.0.1* WG (prime / other): S5 / S1 / *rapporteur:* TRUSS, Michael MOTOROLA Ltd
freeze_meeting: smg-29 NP
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 17/08/1999 7 . 0 . 1 [get it](#) *remarks - this release:*

TS 12.04 Performance data measurements

R98 *current version: 7.0.0* WG (prime / other): S5 / S1 / *rapporteur:* TOCHE, Christian NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 NP
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,
smg-30 11/11/1999 7 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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 *current version: 7.0.1*
freeze_meeting: smg-29
history (event, available, version,
smg-28 12/02/1999 7 . 0 . 0
ETSI Publication 17/08/1999 7 . 0 . 1

WG (prime / other): S5 / S1 *rapporteur:* BENDER, James Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 12.15 General Packet Radio Service (GPRS); GPRS Charging

R98 *current version: 7.7.0*
freeze_meeting: smg-29
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 . 2 . 0
smg-30 11/11/1999 7 . 3 . 0
SP-06 7 . 4 . 0
SP-07 15/03/2000 7 . 5 . 0
SP-08 21/06/2000 7 . 6 . 0
SP-18 07/01/2003 7 . 7 . 0

WG (prime / other): S5 / - *rapporteur:* LEHNERT, Matthias ALCATEL S.A.
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 12.21 Network Management (NM) procedures and messages on the A-bis interface

R98 *current version: 7.0.0*
freeze_meeting: smg-29
history (event, available, version,
GP-09 06/05/2002 7 . 0 . 0

WG (prime / other): G3 / S5 *rapporteur:* TRUSS, Michael MOTOROLA Ltd
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:* SP-13: S5->G3 but no change of rapporteur.
remarks - this release: GP-09 (Usai) created to fill the Release gap.

G = required in systems with GERAN access; 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	<i>remarks - general:</i>	TSG#11:S5 will no longer maintain.
draft	18/10/1999	0	.	0	.	2	get it	<i>remarks - this release:</i>	Sept 99: 0.0.1 TSG#8:7.0.0 (2.0.1) TSG#11:S5 will no longer maintain.
draft	03/12/1999	0	.	0	.	3	get it		
draft	22/12/1999	0	.	0	.	4	get it		
draft	17/01/2000	0	.	0	.	5	get it		
draft	22/05/2000	2	.	0	.	0	get it		
draft	25/05/2000	2	.	0	.	1	get it		
SP-08	21/06/2000	7	.	0	.	0	get it		
ETSI Publication	30/11/2000	7	.	0	.	1	get it		

WG (prime / other): S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
G: yes U: *MCC:* ZOICAS, Adrian

R97

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

R97 *current version:* none
freeze_meeting:
history (event, available, version,

								<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
								<i>remarks - this release:</i>	. backwards extension to earlier releases.

WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes U: *MCC:* POPE, Maurice

G = required in systems with GERAN 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 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S1 / GP /	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	<i>freeze_meeting:</i> smg-26		NP						
	<i>history (event, available, version,</i>	<i>G: yes U:</i>		<i>MCC:</i>	CLAYTON, Michael				
	smg-27 12/01/2001 6 . 0 . 0							get it	<i>remarks - general:</i>
	edito 16/01/2001 6 . 0 . 1							get it	<i>remarks - this release:</i>
<hr/>									
TR 01.04	Abbreviations and acronyms								
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>								
	smg-27 15/11/2000 6 . 0 . 0							get it	<i>remarks - general:</i>
									<i>remarks - this release:</i>
<hr/>									
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study								
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GRAETZ, Ingeborg	SIEMENS AG			
	<i>freeze_meeting:</i> smg-26	<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	EMCOM Ltd			
	<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>

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Server ACTIVE specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	KOKKOLA, Tommi	NOKIA Corporation
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-27 16/10/1998	6 . 0 . 0		get it	remarks - general:	
	smg-28 12/02/1999	6 . 1 . 0		get it	remarks - this release:	
	smg-29 26/06/1999	6 . 2 . 0		get it		
<hr/>						
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		
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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:	
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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		

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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					
	ETSI publication 26/05/1999 6 . 0 . 1					
	smg-28 12/02/1999 6 . 1 . 0					
	ETSI publication 04/08/1999 6 . 1 . 1					

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[get it](#) remarks - this release:
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[get it](#)

TS 02.07	Mobile Station (MS) Features					
R97	current version: 6.2.0	WG (prime / other):	S1 / -	rapporteur:	JEAL, David	VODAFONE Group Plc
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0					
	smg-26 20/06/1998 6 . 1 . 0					
	SP-07 17/03/2000 6 . 2 . 0					

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TS 02.09	Security aspects					
R97	current version: 6.1.1	WG (prime / other):	S3 / S1 / NP	rapporteur:	CHRISTOFFERSSON, Per	Telia Promotor AB
	freeze_meeting: smg-26	G: yes U:		MCC:	POPE, Maurice	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0					
	ETSI publication 26/05/1999 6 . 0 . 1					
	smg-31 16/02/2000 6 . 1 . 0					
	ETSI publication 29/08/2000 6 . 1 . 1					

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[get it](#)
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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					
	SP-11 02/04/2001 6 . 1 . 0					

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TS 02.16	International Mobile Station Equipment Identities (IMEI)					
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0				get it	<i>remarks - general:</i>
	smg-30 11/11/1999 6 . 1 . 0					<i>remarks - this release:</i>
	SP-08 28/06/2000 6 . 2 . 0				get it	
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>
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>
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>
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	

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TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1					
R97	current version: 6.0.0	WG (prime / other): S1 /	rapporteur: KOKKOLA, Tommi	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:
<hr/>						
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:
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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:
<hr/>						
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:
<hr/>						
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:

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.53 Tandem Free Operation (TFO); Service description; Stage 1

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S4 / *rapporteur:* NAVARRO, William
G: yes U: *MCC:* USAI, Paolino

NORTEL NETWORKS (EUROPE)

remarks - general: SMG11->S4 at SMG#30
remarks - this release: No spec this Release

TS 02.60 General Packet Radio Service Stage 1 Description

R97 *current version:* 6.3.1
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* CARPENTER, Paul
G: yes U: *MCC:* CLAYTON, Michael

Research In Motion Limited

remarks - general:
remarks - this release: #25: 6.0.0 (5.x.y withdrawn) #26: 6.1.0 #28: 6.2.0 TSG#5 6.3.0

smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
ETSI publication 01/12/1998 6 . 1 . 1
smg-28 12/02/1999 6 . 2 . 0
ETSI publication 04/08/1999 6 . 2 . 1
SP-05 14/10/1999 6 . 3 . 0
ETSI publication 28/11/2000 6 . 3 . 1

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TS 02.63 Packet Data on Signalling channels Service (PDS); Stage 1

R97 *current version:* 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* CONRAD, Alan
G: yes U: *MCC:* CLAYTON, Michael

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release:

TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R97 *current version:* 6.1.1
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S1 / - *rapporteur:* GILES, Les
G: yes U: *MCC:* CLAYTON, Michael

Union Internationale des Chemins de Fer

remarks - general:
remarks - this release:

smg-27 16/10/1998 6 . 0 . 0
ETSI publication 01/09/1999 6 . 0 . 1
smg-29 25/06/1999 6 . 1 . 0
Editorial correction 25/07/1999 6 . 1 . 1

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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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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	
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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,					
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	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:	
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TS 02.81	Line Identification Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
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TS 02.82	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					
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				remarks - this release: #27: 6.0.0		
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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					
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				remarks - this release: #27: 6.0.0		
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TS 02.84	MultiParty (MPPTY) 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					
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				remarks - this release: #27: 6.0.0		
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TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R97	current version: 6.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	CLAYTON, Michael	
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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								
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					remarks - this release: #27: 6.0.0				
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,									
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					remarks - this release: #27: 6.0.0				
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				
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								
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					remarks - this release: #27: 6.0.0				
TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1								
R97	current version: 6.0.1	WG (prime / other):	S1 / -	rapporteur:	CLAYTON, Michael	EMCOM Ltd			
	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				

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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	EMCOM Ltd
	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	

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	

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Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
R97	current version: 6.1.0	WG (prime / other):	S2 / NP	rapporteur:	GAASVIK, Per-Ola	COMVIQ GSM AB
	freeze_meeting: smg-26	G: yes U:		MCC:	YOON, Sang-Ui	
	history (event, available, version,					
	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 /	rapporteur:	SULTAN, Alain	SOURCE COM
	freeze_meeting: smg-26	G: yes U:	T2	MCC:	YOON, Sang-Ui	
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	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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TS 03.03 Numbering, Addressing and Identification

R97 *current version:* 6.7.0 *WG (prime / other):* N4 / T2 *rapporteur:* RUSSELL, Nick VODAFONE LTD
freeze_meeting: smg-26 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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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TS 03.08	Organization of Subscriber Data					
R97	<i>current version:</i> 6.5.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-25 20/03/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	smg-26 26/06/1998 6 . 1 . 0			get it	<i>remarks - this release:</i>	
	smg-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	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND, Rouzbeh	Ericsson Incorporated	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release: #27: 6.0.0</i>	
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
R97	<i>current version:</i> 6.0.0		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	smg-27 18/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
					<i>remarks - this release:</i>	
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
R97	<i>current version:</i> 6.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-27 16/10/1998 6 . 0 . 0			get it	<i>remarks - general:</i>	
	Editorial correction 16/11/1998 6 . 0 . 1			get it	<i>remarks - this release: #27: 6.0.0</i>	

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.12	Location Registration Procedures					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	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	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0					
		get it		remarks - general:		
				remarks - this release: #27: 6.0.0		
<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:	Chalmers	
	history (event, available, version,				KYMALAINEN, Kimmo	
	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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TS 03.16 Subscriber Data Management

R97 current version: 6.5.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-09	13/10/2000	6	.	5	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0 #28: 6.3.0 SMG#29: 6.4.0 TSG#9:6.5.0
[get it](#)
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R97 current version: 6.7.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-26	26/06/1998	6	.	1	.	0
smg-27	16/10/1998	6	.	2	.	0
smg-28	12/02/1999	6	.	3	.	0
smg-29	25/06/1999	6	.	4	.	0
NP-05	13/10/1999	6	.	5	.	0
NP-07	17/03/2000	6	.	6	.	0
NP-09	04/10/2000	6	.	7	.	0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD
G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R97 current version: 6.1.0

freeze_meeting: smg-26

history (event, available, version,

smg-25	20/03/1998	6	.	0	.	0
smg-29	25/06/1999	6	.	1	.	0

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
G: yes U: MCC: Sebastien
POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: #32:6.2.0 - evidently not!

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode								
R97	current version: 6.3.0	WG (prime / other):	G1 / N1	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S			
	freeze_meeting: smg-26				Peter Skov				
	history (event, available, version,	G: yes U:		MCC:	USAI, Paolino				
	smg-26 26/06/1998								
	smg-28 12/02/1999								
	smg-29 26/06/1999								
	SP-11 11/04/2001								
		get it		remarks - general:	Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and				
		get it		remarks - this release:	group receive mode".				
		get it							
		get it							
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	TeliaSonera AB			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-26 26/06/1998								
	Editorial update 26/07/1998								
		get it		remarks - general:					
		get it		remarks - this release:	#26: 6.0.0				
TS 03.32	Universal Geographical Area Description (GAD)								
R97	current version: 6.0.0	WG (prime / other):	S2 / -	rapporteur:	SULTAN, Alain	SOURCE COM			
	freeze_meeting: smg-26	G: yes U:		MCC:	YOON, Sang-Ui				
	history (event, available, version,								
	smg-27 16/10/1998								
		get it		remarks - general:					
				remarks - this release:					
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				

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 03.38 Alphabets and language-specific information

R97 *current version:* 6.0.1 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0 [get it](#) *remarks - general:*
Editorial correction 20/04/1998 6 . 0 . 1 [get it](#) *remarks - this release:* #25: 6.0.0

TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-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

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TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)					
R97	current version: 6.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH
	freeze_meeting: smg-26	G: yes U:		MCC:	RODERMUND, Friedhelm	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
<hr/>						
TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent					
R97	current version: 6.0.1	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
Editorial correction 16/10/1998 6 . 0 . 1				get it	remarks - this release:	
<hr/>						
TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent					
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat
	freeze_meeting: smg-26	G: yes U:		MCC:	BOSWARTHICK, David	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
<hr/>						
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)					
R97	current version: 6.0.0	WG (prime / other):	T2 / -	rapporteur:	RODERMUND, Friedhelm	Vodafone D2 GmbH
	freeze_meeting: smg-26	G: yes U:		MCC:	RODERMUND, Friedhelm	
history (event, available, version,	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:	
					remarks - this release:	
<hr/>						
TS 03.48	Security mechanisms for SIM application toolkit; Stage 2					
R97	current version: 6.2.0	WG (prime / other):	T3 / -	rapporteur:	BARNES, Nigel	MOTOROLA Ltd
	freeze_meeting: smg-26	G: yes U:		MCC:	DIETZE, Claus	
history (event, available, version,	smg-25 20/03/1998 6 . 0 . 0			get it	remarks - general: SMG9->T3@#31	
	smg-26 26/06/1998 6 . 1 . 0			get it	remarks - this release:	
	smg-28 12/02/1999 6 . 2 . 0			get it		

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http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-26				
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-26 26/06/1998 6 . 1 . 0	get it	<i>remarks - this release:</i>		
<hr/>					
TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
R97	<i>current version:</i> 6.2.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-28 12/02/1999 6 . 1 . 0	get it	<i>remarks - this release:</i> #27: 6.0.0 #28: 6.1.0 #32:6.2.0		
	ETSI publication 21/07/1999 6 . 1 . 1	get it			
	smg-32 20/06/2000 6 . 2 . 0	get it			
	ETSI publication 30/11/2000 6 . 2 . 1	get it			
<hr/>					
TS 03.54	Description for the use of a Shared Inter Working Function (SIWF) in a GSM PLMN; Stage 2				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #27: 6.0.0		
<hr/>					
TR 03.58	Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs)				
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> MONFORT, Jean-Yves	France Telecom	
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998 6 . 0 . 0	get it	<i>remarks - general:</i>		
	Editorial correction 20/04/1998 6 . 0 . 1	get it	<i>remarks - this release:</i> #23: 5.0.0 #25: 6.0.0 (5.0.0 withdrawn)		

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TS 03.60 General Packet Radio Service (GPRS) Service description; Stage 2

R97 *current version:* 6.11.0 *WG (prime / other):* S2 / - *rapporteur:* ZHAO, Yilin MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,

smg-25	20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>
smg-26	26/06/1998	6 . 1 . 0	get it	<i>remarks - this release:</i>
edito	28/07/1998	6 . 1 . 1	get it	
smg-27	16/10/1998	6 . 2 . 0	get it	
smg-28	12/02/1999	6 . 3 . 0	get it	
ETSI Vote	13/04/1999	6 . 3 . 1	get it	
ETSI publication	21/07/1999	6 . 3 . 2	get it	
smg-29	25/06/1999	6 . 4 . 0	get it	
ETSI publication	29/12/1999	6 . 4 . 1	get it	
SP-05	13/10/1999	6 . 5 . 0	get it	
SP-06	17/12/1999	6 . 6 . 0	get it	
ETSI publication	07/07/2000	6 . 6 . 1	get it	
SP-07	17/03/2000	6 . 7 . 0	get it	
ETSI publication	22/09/2000	6 . 7 . 1	get it	
SP-11	19/04/2001	6 . 8 . 0	get it	
SP-12	16/08/2001	6 . 9 . 0	get it	
SP-14	08/01/2002	6 . 10 . 0	get it	
edito	29/07/2002	6 . 10 . 1	get it	
SP-17	02/10/2002	6 . 11 . 0	get it	

TS 03.63 Packet Data on Signalling channels service (PDS) Service description, Stage 2

R97 *current version:* 6.0.0 *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,

smg-27	16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>
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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				
<hr/>						
TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2					
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: SCHMITT, Peter	SIEMENS AG		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it	remarks - general:			
	NP-07 17/03/2000 6 . 1 . 0	get it	remarks - this release:			
<hr/>						
TS 03.68	Voice Group Call Service (VGCS); Stage 2					
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: GARAPATY, Sonia	Nortel Networks (USA)		
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 #32:6.3.0 TSG#9:6.3.0			
	smg post SP-07 30/10/1998 6 . 2 . 0	get it				
	NP-09 12/10/2000 6 . 3 . 0	get it				
<hr/>						
TS 03.69	Voice Broadcast service (VBS); Stage 2					
R97	current version: 6.3.0	WG (prime / other): N1 / -	rapporteur: MÜNNING, Dirk	DETECON GMBH		
	freeze_meeting: smg-26	G: yes U:	MCC: JORGENSEN, Per Johan			
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it	remarks - general:			
	smg-26 26/06/1998 6 . 1 . 0	get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 TSG#7: 6.2.0 TSG#9:6.3.0			
	smg post SP-07 30/03/2000 6 . 2 . 0	get it				
	NP-09 12/10/2000 6 . 3 . 0	get it				

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 03.70 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:

[get it](#)

[get it](#)

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[get it](#)

TS 03.79 Support of Optimal Routeing phase 1; Stage 2

R97 current version: 6.3.0

freeze_meeting: smg-26

history (event, available, version,

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

G: yes U: MCC: Chalmers
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: KYMALAINEN, Kimmo	TeliaSonera 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
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
R97	current version: 6.1.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0				get it get it	remarks - general: remarks - this release: #27: 6.0.0 #29: 6.1.0
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
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
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R97	current version: 6.0.0	WG (prime / other): N4 / -	rapporteur: WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	freeze_meeting: smg-26	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version, 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	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:	
Editorial correction	16/11/1998	6 . 0 . 1		get it	remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.90	Unstructured Supplementary Service Data (USSD)					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	CHOTAI, Sunil	mmO2 plc
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 2					
R97	current version: 6.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-27	16/10/1998	6 . 0 . 0		get it	remarks - general:	
					remarks - this release: #27: 6.0.0	
<hr/>						
TS 03.93	Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2					
R97	current version: 6.2.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-25	20/03/1998	6 . 0 . 0		get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0		get it	remarks - this release: #25: 6.0.0 #26: 6.1.0 #27: 6.2.0	
smg-27	16/10/1998	6 . 2 . 0		get it		

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:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
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
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0

WG (prime / other): G2 / - *rapporteur:* ISAACS, Ken
G: yes U: *MCC:* THOMASEN, Gert SIEMENS AG

[get it](#) *remarks - general:*
remarks - this release:

TS 04.05 Data Link (DL) Layer General Aspects

R97 *current version:* 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* THOMASEN, Gert MOTOROLA A/S
Peter Skov

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

TS 04.06 Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification

R97 *current version:* 6.2.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
ETSI publication 01/09/1999 6 . 0 . 1
smg-29 25/06/1999 6 . 1 . 0
ETSI publication 14/12/1999 6 . 1 . 1
smg-31 16/02/2000 6 . 2 . 0
ETSI publication 29/09/2000 6 . 2 . 1

WG (prime / other): G2 / - *rapporteur:* ANDERSEN, Niels
G: yes U: *MCC:* THOMASEN, Gert MOTOROLA A/S
Peter Skov

[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 R97 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.07 Mobile Radio Interface Signalling Layer 3 - General Aspects

R97 current version: 6.5.1
freeze_meeting: smg-26

WG (prime / other): N1 / - rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

history (event, available, version,
smg-25 20/03/1998 6 . 0 . 0
smg-26 26/06/1998 6 . 1 . 0
smg-27 16/10/1998 6 . 2 . 0
ETSI publication 04/12/1998 6 . 2 . 1
smg-28 12/02/1999 6 . 3 . 0
smg-29 25/06/1999 6 . 4 . 0
NP-05 13/10/1999 6 . 5 . 0
Editorial correction 13/11/1999 6 . 5 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[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 04.08 Mobile radio interface layer 3 specification

R97 current version: 6.20.0

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
NP-17 17/09/2002	6 . 19 . 0	get it
NP-18 18/12/2002	6 . 20 . 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

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	<i>current version:</i> 6.3.1		<i>WG (prime / other):</i> G2 / -		<i>rapporteur:</i> HOWELL, Andrew		MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> THOMASEN, Gert				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-30 11/11/1999	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-32 28/06/2000	6 . 2 . 0		get it					
	GP-10 19/07/2002	6 . 3 . 0		get it					
	post GP-10 edito 23/07/2002	6 . 3 . 1	Misplaced figure, clause 5.3.1.	get it					

TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
R97	<i>current version:</i> 6.1.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> RÄSÄNEN, Juha		NOKIA Corporation		
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-27 16/10/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	NP-08 23/06/2000	6 . 1 . 0		get it	<i>remarks - this release: #27: 6.0.0 TSG#8:6.1.0</i>				

TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
R97	<i>current version:</i> Switching Centre (BSS - MSC) interface	6.2.0		<i>WG (prime / other):</i> N3		/-	<i>rapporteur:</i> KLEHN, Norbert		
	SIEMENS AG								
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-26 26/06/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-27 16/10/1998	6 . 1 . 0		get it	<i>remarks - this release: #26: 6.0.0 #27: 6.1.0 TSG#6: 6.2.0</i>				
	NP-06 17/12/1999	6 . 2 . 0		get it					

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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:*
[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 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:	DOIG, Ian MOTOROLA S.A.S
	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:	DOIG, Ian MOTOROLA S.A.S
	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:	SCHMITT, Peter SIEMENS AG
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-27	16/10/1998	6 . 0 . 0	get it	remarks - general:	
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 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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	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 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
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general:
[get it](#) remarks - this release: #27: 6.0.0

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

R97 current version: 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: SHARP, Iain
G: yes U: MCC: KYMALAINEN, Kimmo

NORTEL NETWORKS (EUROPE)

[get it](#) remarks - general:
[get it](#) remarks - this release: #27: 6.0.0

TS 04.84 Multi Party (MPY) Supplementary Services; Stage 3

R97 current version: 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: HABERMANN, Steffen
G: yes U: MCC: KYMALAINEN, Kimmo

T-MOBILE DEUTSCHLAND

[get it](#) remarks - general:
[get it](#) remarks - this release: #27: 6.0.0

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

R97 current version: 6.0.0
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

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[get it](#) remarks - general:
remarks - this release: #27: 6.0.0

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

R97 current version: 6.0.1
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0
Editorial correction 16/11/1998 6 . 0 . 1

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

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[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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	Editorial correction 20/04/1998 6 . 0 . 1	get it		remarks - this release: #25: 6.0.0		
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera 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:		
	Editorial correction 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	<to be defined> 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 04.93	Completion of Calls to Busy Subscriber (CCBS); Stage 3					
R97	current version: 6.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-25 20/03/1998 6 . 0 . 0	get it		remarks - general:		
	smg-26 26/06/1998 6 . 1 . 0	get it		remarks - this release: #25: 6.0.0 #26: 6.1.0 #28:6.1.1		
	smg-28 12/02/1999 6 . 1 . 1	get it				
<hr/>						
TS 04.96	Name Identification Supplementary Services; Stage 3					
R97	current version: 6.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	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](#)

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

TS 05.03	Channel coding								
R97	current version: 6.2.1			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting: smg-26			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	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: #24: 6.0.0 #25: 6.1.0 #28: 6.2.0	
	smg-28 12/02/1999	6	.	2	.	0	get it		
	ETSI Publication 12/03/1999	6	.	2	.	1	get it		

TS 05.04	Modulation								
R97	current version: 6.1.1			WG (prime / other): G1 / -	rapporteur: SÉBIRE, Benoist	NOKIA Corporation			
	freeze_meeting: smg-26			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998	6	.	0	.	0	get it	remarks - general:	
	ETSI publication 09/02/1999	6	.	0	.	1	get it	remarks - this release:	
	smg-30 bis 06/12/1999	6	.	1	.	0	get it		
	ETSI publication 20/06/2000	6	.	1	.	1	get it		

TS 05.05	Radio Transmission and Reception								
R97	current version: 6.8.0			WG (prime / other): G1 / -	rapporteur: SAMUELSSON, Mats				
	freeze_meeting: smg-26			G: yes U:	MCC: USAI, Paolino				
	history (event, available, version,								
	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 04/06/1999	6	.	4	.	1	get it		
	smg-29 25/06/1999	6	.	5	.	0	get it		
	ETSI publication 14/12/1999	6	.	5	.	1	get it		
	smg-30 11/11/1999	6	.	6	.	0	get it		
	smg-31 16/02/2000	6	.	7	.	0	get it		
	ETSI publication 29/09/2000	6	.	7	.	1	get it		
	GP-01 09/10/2000	6	.	8	.	0	get it		

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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:

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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 Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-27 10/04/2001 6 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 12/11/2001 6 . 0 . 1 [get it](#) *remarks - this release:* #27: 6.0.0 Withdrawn, since never created. 2001-01-31: GERAN convenor asks for its re-instatement.

R97

06 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

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	Telecom Italia Lab S.p.A.			
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino				
	history (event, available, version,								
	smg-27 16/10/1998 6 . 0 . 0			get it	remarks - general:				
	ETSI Publication 16/11/1998 6 . 0 . 1			get it	remarks - this release:				
<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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Server ACTIVE specs R97 06 .- series
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				
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		
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				
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		
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		
<hr/>						
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 06.32	Voice Activity Detection (VAD)					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
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TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	USAI, Paolino	Telecom Italia Lab S.p.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		
<hr/>						
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels					
R97	current version: 6.0.1	WG (prime / other):	S4 / -	rapporteur:	BARRETT, Paul	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-26	G: yes U:		MCC:	USAI, Paolino	
	history (event, available, version,					
	smg-27 16/10/1998 6 . 0 . 0	get it		remarks - general:		
	ETSI Publication 16/11/1998 6 . 0 . 1	get it		remarks - this release: #27: 6.0.0		

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Server ACTIVE specs R97 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.51	GSM Enhanced full rate speech processing functions: General description						
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 04/06/1999 6 . 0 . 1	get it	<i>remarks - this release:</i> #27: 6.0.0 #32:6.1.0 TSG#10:6.2.0				
	smg-32 20/06/2000 6 . 1 . 0	get it					
	ETSI publication 30/11/2000 6 . 1 . 1	get it					
	SP-10 20/12/2000 6 . 2 . 0	get it					

TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec						
R97	<i>current version:</i> 6.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI Publication 16/11/1998 6 . 0 . 1	get it	<i>remarks - this release:</i>				

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)						
R97	<i>current version:</i> 6.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 01/09/1999 6 . 0 . 1	get it	<i>remarks - this release:</i>				
	smg-32 20/06/2000 6 . 1 . 0	get it					
	SP-10 20/12/2000 6 . 2 . 0	get it					

TR 06.55	Performance characterisation of the GSM EFR Speech Codec						
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> smg-26	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-27 16/10/1998 6 . 0 . 0	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i> #27: 6.0.0				

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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								
<hr/>									
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								
<hr/>									
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								
<hr/>									
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								
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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	
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	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 Telecom Italia Lab S.p.A.
freeze_meeting: smg-26 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0

R97 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
R97 *current version:* 6.1.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:*

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
R97 *current version:* 6.0.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar 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:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-26 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-26 26/06/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #26: 6.0.0

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Server ACTIVE specs R97 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R97 *current version:* 6.0.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-26 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R97 *current version:* 6.5.0 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
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:* THOMASEN, Gert
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

R97 *current version:* 6.0.0 *WG (prime / other):* G2 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 *G: yes U:* *MCC:* THOMASEN, Gert
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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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	<i>current version:</i> 6.3.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-26 26/06/1998	6 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-28 12/02/1999	6 . 2 . 0	get it		
	smg-29 25/06/1999	6 . 3 . 0	get it		

TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol				
R97	<i>current version:</i> 6.8.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA	
	<i>freeze_meeting:</i> smg-26		<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-25 20/03/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-26 26/06/1998	6 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-27 16/10/1998	6 . 2 . 0	get it		
	smg-28 12/02/1999	6 . 3 . 0	get it		
	smg-29 25/06/1999	6 . 4 . 0	get it		
	smg-30 11/11/1999	6 . 5 . 0	get it		
	smg-31 16/02/2000	6 . 7 . 0	get it		
	ETSI Publication 16/03/2000	6 . 7 . 1	get it		
	GP-05 18/06/2001	6 . 8 . 0	get it		

TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface				
R97	<i>current version:</i> 6.1.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-26		<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
	NP-11 04/04/2001	6 . 1 . 0	get it	<i>remarks - this release:</i>	

TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects				
R97	<i>current version:</i> 6.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-26		Peter Skov		
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	<i>history (event, available, version,</i>				
	smg-27 16/10/1998	6 . 0 . 0	get it	<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

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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					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:	
<hr/>						
TS 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:	
<hr/>						
TS 08.56	BSC-BTS Layer 2; Specification					
R97	current version: 6.0.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: remarks - this release:	
<hr/>						
TS 08.58	Base Station Controller - Base Transceiver Station (BSC-BTS) Interface Layer 3 Specification					
R97	current version: 6.3.0 freeze_meeting: smg-26	WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels Peter Skov	MOTOROLA A/S		
	history (event, available, version, smg-25 20/03/1998 6 . 0 . 0 smg-28 12/02/1999 6 . 1 . 0 smg-29 25/06/1999 6 . 2 . 0 smg-30 11/11/1999 6 . 3 . 0	G: yes U:	MCC: THOMASEN, Gert		get it remarks - general: get it remarks - this release: #25: 6.0.0 #28: 6.1.0 #29: 6.2.0 #30: 6.3.0 get it get it	

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R97 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 16/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels
R97 *current version:* 6.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-26 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-27 18/10/1998 6 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 18/11/1998 6 . 0 . 1 [get it](#) *remarks - this release:*

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R97 *current version:* 6.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera 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:

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: 6.13.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software			
	freeze_meeting: smg-26	G: yes	U:	MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-25 20/03/1998	6 . 0 . 0		get it	remarks - general:	CN->N4 Apr00 (JMM)			
	smg-26 26/06/1998	6 . 1 . 0		get it	remarks - this release:				
	edito 09/09/1998	6 . 1 . 1		get it					
	smg-27 16/10/1998	6 . 2 . 0		get it					
	smg-28 12/02/1999	6 . 3 . 0		get it					
	smg-29 25/06/1999	6 . 4 . 0		get it					
	NP-05 08/10/1999	6 . 5 . 0		get it					
	NP-06 15/12/1999	6 . 6 . 0		get it					
	NP-07 15/03/2000	6 . 7 . 0		get it					
	NP-08 21/06/2000	6 . 8 . 0		get it					
	NP-09 08/11/2000	6 . 9 . 0		get it					
	NP-10 21/12/2000	6 . 10 . 0		get it					
	NP-11 06/04/2001	6 . 11 . 0		get it					
	NP-15 04/04/2002	6 . 12 . 0		get it					
	NP-19	6 . 13 . 0							

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile								
R97	current version: Network (PLMN)	6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
	ETSI Secretariat								
	freeze_meeting: smg-26		G: yes	U:	MCC:	BOSWARTHICK, David			
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0		get it	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version,								
	smg-27 16/10/1998	6 . 0 . 0		get it	remarks - general:	N3: "no R99 needed".			
					remarks - this release:	#27: 6.0.0			

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
R97	current version: 6.0.0	WG (prime / other):	N3 / -	rapporteur:	BOSWARTHICK, David	ETSI Secretariat			
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general:	N3: "no R99 needed".
								remarks - this release:	#27: 6.0.0
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
R97	current version: Switched Data Transmission Services	6.0.0	WG (prime / other):	N3	/-	rapporteur:	BOSWARTHICK, David		
ETSI Secretariat									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general:	N3: "no R99 needed".
								remarks - this release:	#27: 6.0.0
<hr/>									
TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
R97	current version: Network (PSTN)	6.2.0	WG (prime / other):	N3	/-	rapporteur:	KLEHN, Norbert		
SIEMENS AG									
	freeze_meeting: smg-26	G: yes	U:	MCC:	BOSWARTHICK, David				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0 smg-29 25/06/1999 6 . 1 . 0 NP-06 15/12/1999 6 . 2 . 0						get it	remarks - general:	
							get it	remarks - this release:	#27: 6.0.0 #29: 6.1.0 N#6: 6.2.0
							get it		
<hr/>									
TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
R97	current version: 6.0.0	WG (prime / other):	N1 / -	rapporteur:	FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-26	G: yes	U:	MCC:	Rouzbeh JORGENSEN, Per Johan				
	history (event, available, version, smg-27 16/10/1998 6 . 0 . 0						get it	remarks - general:	
								remarks - this release:	#27: 6.0.0

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)	6.2.0	WG (prime / other):	N4	/ -	rapporteur:	KYMALAINEN, Kimmo		
TeliaSonera 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-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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	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:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	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 Tunnelling Protocol GPT) across the Gn and Gp Interface				
R97	current version: 6.13.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo TeliaSonera AB
	freeze_meeting: smg-26	G: yes U:		MCC:	KYMALAINEN, Kimmo
history (event, available, version,					
smg-25	20/03/1998	6 . 0 . 0	get it	remarks - general:	
smg-26	26/06/1998	6 . 1 . 0	get it	remarks - this release:	
smg-27	16/10/1998	6 . 2 . 0	get it		
smg-28	12/02/1999	6 . 3 . 0	get it		
smg-29	25/06/1999	6 . 4 . 0	get it		
ETSI publication	03/11/1999	6 . 4 . 1	get it		
NP-05	08/10/1999	6 . 5 . 0	get it		
NP-06	15/12/1999	6 . 6 . 0	get it		
ETSI publication	05/07/2000	6 . 6 . 1	get it		
NP-07	15/03/2000	6 . 7 . 0	get it		
ETSI publication		6 . 7 . 1			
NP-08	21/06/2000	6 . 8 . 0	get it		
ETSI publication		6 . 8 . 1			
NP-09	31/10/2000	6 . 9 . 0	get it		
NP-11	20/04/2001	6 . 10 . 0	get it		
make figures visible	09/08/2001	6 . 10 . 1	get it		
NP-13	03/10/2001	6 . 11 . 0	get it		
NP-16	21/06/2002	6 . 12 . 0	get it		
NP-18	07/01/2003	6 . 13 . 0	get it		

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Server ACTIVE specs R97 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.61	General Packet Radio Service (GPRS); Interworking between the Public Land Mobile Network (PLMN) supporting GPRS and Packet Data Networks (PDN)								
R97	<i>current version:</i> 6.10.0		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> WILD, Johanna	MOTOROLA Ltd			
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26	6 . 1 . 0	not issued, w/proc compatibility probs		<i>remarks - this release:</i>				
	smg-26 ((6.1.0 26/06/1998	6 . 2 . 0		get it					
	withdrawn due to WORD com								
	smg-27 16/10/1998	6 . 3 . 0		get it					
	smg-30 11/11/1999	6 . 4 . 0		get it					
	NP-13 12/10/2001	6 . 5 . 0		get it					
	NP-14 14/01/2002	6 . 6 . 0		get it					
	NP-15 20/03/2002	6 . 7 . 0		get it					
	NP-16 02/07/2002	6 . 8 . 0		get it					
	NP-18 09/01/2003	6 . 9 . 0		get it					
	NP-19	6 . 10 . 0							
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R97	<i>current version:</i> 6.5.0		<i>WG (prime / other):</i> N2 / -		<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> smg-26		<i>G: yes U:</i>		<i>MCC:</i> JURISIC, Andrijana				
	<i>history (event, available, version,</i>								
	smg-25 20/03/1998	6 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-26 26/06/1998	6 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-27 16/10/1998	6 . 2 . 0		get it					
	smg-28 12/02/1999	6 . 3 . 0		get it					
	smg-29 25/06/1999	6 . 4 . 0		get it					
	NP-08 21/06/2000	6 . 5 . 0		get it					
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R97	<i>current version:</i> 6.1.1		<i>WG (prime / other):</i> N1 / -		<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S			
	<i>freeze_meeting:</i> smg-24		<i>G: yes U:</i>		Peter Skov				
	<i>history (event, available, version,</i>				<i>MCC:</i> JORGENSEN, Per Johan				
	smg-27	6 . 0 . 0	withdrawn SMG-30; ; reinstated NP-16		<i>remarks - general:</i>				
	NP-16 26/06/2002	6 . 1 . 0		get it	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.				
	edito post NP-18 16/12/2002	6 . 1 . 1	minor editorials to change style from TS to TR.	get it					

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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:* 6.3.0 *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](#)
GP-12 03/01/2003 6 . 3 . 0 [get it](#)

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R97 *current version:* 6.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-26 G: yes U: *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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

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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; Part 1: Conformance specification

R97 *current version:* 6.4.0 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-26 NP / T2 / SCP / G4
G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version,
smg-28 12/02/1999 6 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
smg-29 25/06/1999 6 . 1 . 0 [get it](#) *remarks - this release:* #31bis: closed (R99 version serves all releases) GP-06: Rel-4 serves all releases.
replaced by Rel-5 equivalent. 2001-11-19: G4->G5.
smg-30 11/11/1999 6 . 2 . 0 [get it](#)
smg-31 16/02/2000 6 . 3 . 0 [get it](#)
Editorial correction 16/02/2000 6 . 3 . 1 [get it](#)
GP-06 06/09/2001 6 . 4 . 0 [get it](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
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:* #32:frozen
smg-28 12/02/1999 6 . 2 . 0 [get it](#)
smg-32 16/03/2000 6 . 3 . 0 [get it](#)
smg-31 16/02/2000 6 . 3 . 0 [get it](#)

TS 11.11 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) Interface

R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: smg-32 *G:* yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
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:* #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](#)

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Server ACTIVE specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.14 Specification of the SIM Application Toolkit (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface
R97 *current version:* 6.3.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: smg-26 One
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 11.26 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:*

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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: 6.3.0	WG (prime / other):	S5 / -	rapporteur:	LEHNERT, Matthias	ALCATEL S.A.
	freeze_meeting: smg-26	G: yes U:		MCC:	ZOICAS, Adrian	
	history (event, available, version,					
	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:		
	SP-18 07/01/2003 6 . 3 . 0	get it				
<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 rapporteur.	
				remarks - this release:	GP-09 (Usai) created to fill the Release gap.	

R96

R96

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01	Technical Specifications and Technical Reports for a GERAN-based 3GPP system								
R96	<i>current version:</i> none	<i>WG (prime / other):</i>	SP / -	<i>rapporteur:</i>	MEREDITH, John M	ETSI Secretariat			
	<i>freeze_meeting:</i>	G: yes	U:	<i>MCC:</i>	POPE, Maurice				
	<i>history (event, available, version,</i>								
				<i>remarks - general:</i>	post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for				
				<i>remarks - this release:</i>	. backwards extension to earlier releases.				
<hr/>									
TS 01.02	General Description of a GSM Public Land Mobile Network (PLMN)								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S1 / GP / NP	<i>rapporteur:</i>	JORGENSEN, Niels H.	TDC TELE DANMARK A/S			
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>				
	smg-17 02/02/1996	5	.	0	.	0			
				get it	<i>remarks - this release:</i>				
<hr/>									
TR 01.04	Abbreviations and acronyms								
R96	<i>current version:</i> 5.0.2	<i>WG (prime / other):</i>	GP / -	<i>rapporteur:</i>	CLAYTON, Michael	EMCOM Ltd			
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	USAI, Paolino				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>				
	smg-17 02/02/1996	5	.	0	.	0			
	smg-20 11/10/1996	5	.	0	.	1			
	ETSI publication 30/10/2001	5	.	0	.	2			
<hr/>									
TS 01.48	ISDN-based DECT/GSM interworking; Feasibility study								
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i>	S1 / -	<i>rapporteur:</i>	GRAETZ, Ingeborg	SIEMENS AG			
	<i>freeze_meeting:</i> smg-22	G: yes	U:	<i>MCC:</i>	CLAYTON, Michael				
	<i>history (event, available, version,</i>			get it	<i>remarks - general:</i>				
	smg-19 28/06/1996	5	.	0	.	0			
	smg-20 11/11/1996	5	.	0	.	1			

R96

02 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server ACTIVE specs R96 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)

R96 *current version:* 5.5.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
smg-24 19/12/1997 5 . 3 . 0 [get it](#)
smg-26 26/06/1998 5 . 4 . 0 [get it](#)
smg-29 25/06/1999 5 . 5 . 0 [get it](#)

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 [get it](#) *remarks - general:*
smg-18 12/04/1996 [get it](#) *remarks - this release:*
smg-20 11/10/1996 [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:*
smg-19 28/06/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
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

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	14/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	02/05/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
ETSI publication	28/08/1997	5	.	5	.	1
smg-22	13/06/1997	5	.	6	.	0
ETSI OAP	19/09/1997	5	.	6	.	1
ETSI publication	27/02/1998	5	.	6	.	2
smg-23	17/10/1997	5	.	7	.	0
smg-25	20/03/1998	5	.	7	.	1
ETSI publication	01/02/1998	5	.	7	.	2
smg-29	25/06/1999	5	.	7	.	3
ETSI publication	29/12/1999	5	.	7	.	4

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](#)

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TS 02.06 Types of Mobile Stations (MS)

R96 *current version:* 5.2.1

freeze_meeting: smg-22

history (event, available, version,

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

WG (prime / other): S1 / - *rapporteur:* JEAL, David

VODAFONE Group Plc

G: yes U:

MCC: CLAYTON, Michael

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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[get it](#)

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http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.07 Mobile Station (MS) Features

R96 *current version:* 5.4.1
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-18 12/04/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 2 . 0
ETSI publication 02/05/1997 5 . 2 . 1
smg-22 13/06/1997 5 . 3 . 0
ETSI OAP 21/07/1997 5 . 3 . 1
ETSI publication 31/12/1997 5 . 3 . 2
smg-24 19/12/1997 5 . 4 . 0
ETSI publication 17/06/1998 5 . 4 . 1

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.09 Security aspects

R96 *current version:* 5.2.1
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-22 13/06/1997 5 . 1 . 0
edito 08/12/1997 5 . 1 . 1
smg-31 16/02/2000 5 . 2 . 0
ETSI publication 29/08/2000 5 . 2 . 1

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](#)
[get it](#)

TS 02.11 Service Accessibility

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:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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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](#)
[get it](#)
[get it](#)

TS 02.24 Description of Charge Advice Information (CAI)

R96 *current version:* 5.0.1
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 02/05/1997 5 . 0 . 1

WG (prime / other): S1 / *rapporteur:* DWYER, Paul NORTEL NETWORKS (EUROPE)
G: yes U: *MCC:* CLAYTON, Michael
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*

G = required in systems with GERAN acces; U = required in systems with UMTS

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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
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	.	3	.	1	get it	
ETSI publication	02/05/1997	5	.	3	.	2	get it	
smg-21	14/02/1997	5	.	4	.	0	get it	
ETSI publication	26/08/1997	5	.	4	.	1	get it	
smg-22	13/06/1997	5	.	5	.	0	get it	
ETSI OAP	19/09/1997	5	.	5	.	1	get it	
ETSI publication	27/02/1998	5	.	5	.	2	get it	
smg-23	17/10/1997	5	.	6	.	0	get it	
edito	06/01/1998	5	.	6	.	1	get it	
smg-24	19/12/1997	5	.	6	.	2	get it	
smg-28	12/02/1999	5	.	7	.	0	get it	
ETSI publication	04/08/1999	5	.	7	.	1	get it	

TS 02.34 High Speed Circuit Switched Data (HSCSD); Stage 1

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,

draft	31/10/1995	0	.	0	.	0	get it	<i>remarks - general:</i>
draft	13/02/1996	0	.	1	.	0	get it	<i>remarks - this release:</i>
draft	19/06/1996	0	.	2	.	0	get it	
draft	13/02/1996	0	.	5	.	0	get it	
smg-20	09/10/1996	5	.	0	.	0	get it	
ETSI publication	28/11/1996	5	.	0	.	1	get it	
smg-21	14/02/1997	5	.	1	.	0	get it	
smg-22	13/06/1997	5	.	2	.	0	get it	
ETSI publication	04/08/1997	5	.	2	.	1	get it	

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Server ACTIVE specs R96 02 .- series
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TS 02.40	Procedures for Call Progress Indications					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul		NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 02.41	Operator Determined Barring					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> ...,		BUNDESMINISTERIUM FUR WIRTSCHAFT	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-16 20/10/1995 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-21 14/02/1997 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-24 19/12/1997 5 . 1 . 1	get it				
<hr/>						
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les		Union Internationale des Chemins de Fer	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	edito 08/10/1996 5 . 0 . 1	get it	<i>remarks - this release:</i>			
	smg-24 19/12/1997 5 . 1 . 0	get it				
<hr/>						
TS 02.63	Packet Data on Signalling channels Service (PDS); Stage 1					
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan		T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			

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TS 02.67 Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 1

R96 *current version:* 5.1.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-19	28/06/1996	5	.	0	.	1	get it	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	0	.	2	get it	
ETSI publication	03/06/1997	5	.	0	.	3	get it	
smg-22	13/06/1997	5	.	0	.	4	get it	
edito	05/12/1997	5	.	0	.	5	get it	
smg-29	25/06/1999	5	.	1	.	0	get it	
ETSI publication	29/12/1999	5	.	1	.	1	get it	

TS 02.68 Voice Group Call Service (VGCS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i>
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	1	.	2	get it	
smg-22	13/06/1997	5	.	1	.	3	get it	
smg-26	26/06/1998	5	.	2	.	0	get it	
publish ETS 300 925	01/12/1998	5	.	2	.	1	get it	

TS 02.69 Voice Broadcast Service (VBS); Stage 1

R96 *current version:* 5.2.1 *WG (prime / other):* S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
freeze_meeting: smg-22 *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0	get it	<i>remarks - general:</i>
smg-17	02/02/1996	5	.	1	.	0	get it	<i>remarks - this release:</i> #16: 5.0.0 #17: 5.1.0 #20: 5.1.1 #21: 5.1.2 #22: 5.1.3 #26: 5.2.0
smg-20	11/10/1996	5	.	1	.	1	get it	
smg-21	14/02/1997	5	.	1	.	2	get it	
smg-22	13/06/1997	5	.	1	.	3	get it	
smg-26	26/06/1998	5	.	2	.	0	get it	
ETSI publication	01/12/1998	5	.	2	.	1	get it	

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Server ACTIVE specs R96 02 .- series
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	current version: 5.6.0	WG (prime / other):	S1 / -	rapporteur:	GRECH, Michel	Lucent Technologies Network Systems UK
	freeze_meeting: smg-22	G: yes	U:	MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-19	28/06/1996	5	. 0 . 0	get it	remarks - general:	
smg-20	11/10/1996	5	. 1 . 0	get it	remarks - this release:	
smg-21	14/02/1997	5	. 1 . 1	get it		
smg-22	13/06/1997	5	. 2 . 0	get it		
smg-23	17/10/1997	5	. 3 . 0	get it		
smg-24	19/12/1997	5	. 4 . 0	get it		
smg-26	26/06/1998	5	. 5 . 0	get it		
smg-28	12/02/1999	5	. 6 . 0	get it		

TS 02.79	Support of Optimal Routeing (SOR); Service definition (Stage 1)					
R96	current version: 5.2.0	WG (prime / other):	S1 / -	rapporteur:	FREY, Sophie	Indicate persons who left Company and wait for new One
	freeze_meeting: smg-22	G: yes	U:	MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-19	28/06/1996	5	. 0 . 0	get it	remarks - general:	
smg-20	11/10/1996	5	. 1 . 0	get it	remarks - this release: #19: 5.0.0 #20: 5.1.0 #28: 5.2.0	
smg-28	12/02/1999	5	. 2 . 0	get it		

TS 02.81	Line Identification Supplementary Services; Stage 1					
R96	current version: 5.1.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera AB
	freeze_meeting: smg-22	G: yes	U:	MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-20	11/10/1996	5	. 0 . 0	get it	remarks - general:	
smg-24	19/12/1997	5	. 1 . 0	get it	remarks - this release: #20: 5.0.0 #24: 5.1.0	

TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	EVEN, Anne	France Telecom
	freeze_meeting: smg-22	G: yes	U:	MCC:	CLAYTON, Michael	
history (event, available, version,						
smg-16	20/10/1995	5	. 0 . 0	get it	remarks - general:	
					remarks - this release: #16: 5.0.0	

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Server ACTIVE specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	JORGENSEN, Niels H.	TDC TELE DANMARK A/S
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				get it	remarks - general: remarks - this release: #20: 5.0.0	
<hr/>						
TS 02.84	MultiParty (MPTY) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	POSTMANN, Erwin	SIEMENS AG
	freeze_meeting: smg-22	G: yes U:		MCC:	CLAYTON, Michael	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0					
				get it	remarks - general: remarks - this release: #20: 5.0.0	
<hr/>						
TS 02.85	Closed User Group (CUG) Supplementary Services; Stage 1					
R96	current version: 5.0.0	WG (prime / other):	S1 / -	rapporteur:	BLOMSTRAND, Ola	TeliaSonera 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 EMCOM Ltd
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:* YOON, Sang-Ui
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	SOURCE COM
	freeze_meeting: smg-22		T2			
	history (event, available, version,	G: yes U:		MCC:	YOON, Sang-Ui	
	smg-17 02/02/1996					
	smg-18 12/04/1996	get it		remarks - general:		
	smg-23 17/10/1997	get it		remarks - this release:	#17: 5.0.0 #18: 5.1.0 #23: 5.2.0 #24: 5.3.0	
	smg-24 19/12/1997	get it				
TS 03.03	Numbering, Addressing and Identification					
R96	current version: 5.4.1	WG (prime / other):	N4 / T2	rapporteur:	RUSSELL, Nick	VODAFONE LTD
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version,					
	smg-17			remarks - general:		
	ETSI OAP 25/11/1996	get it		remarks - this release:		
	ETSI publication 02/05/1997	get it				
	smg-25 20/03/1998	get it				
	ETSI publication 23/10/1998	get it				
	smg-29 26/05/1999	get it				
	ETSI publication 22/11/1999	get it				
	NP-07 15/03/2000	get it				
	ETSI publication 15/11/2000	get it				
	NP-08 21/06/2000	get it				
	ETSI publication 04/01/2001	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,					
	smg-20 11/10/1996	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 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	G: yes	U:	MCC:	Chalmers	
	history (event, available, version,				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	G: yes	U:	MCC:	Rouzbeh	
	history (event, available, version,				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 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 03/06/1997 5 . 0 . 1 [get it](#) *remarks - this release:*

TS 03.12 Location Registration Procedures

R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.13 Discontinuous Reception (DRX) in the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #17: 5.0.0

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

R96 *current version:* 5.0.0 *WG (prime / other):* N1 / - *rapporteur:* ZAUS, Robert SIEMENS AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.15 Technical Realization of Operator Determined Barring

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* PARK, Ian David VODAFONE LTD
freeze_meeting: smg-22 *G: yes U:* *MCC:* Chalmers
KYMALAINEN, Kimmo
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #16: 5.0.0 #21: 5.1.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 03 .- series
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TS 03.16 Subscriber Data Management

R96 current version: 5.3.0

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-21	14/02/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-26	26/06/1998	5	.	3	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release: #18: 5.0.0 #21: 5.1.0 #23: 5.2.0 #26: 5.3.0
[get it](#)
[get it](#)

TS 03.18 Basic Call Handling

R96 current version: 5.6.0

freeze_meeting: smg-22

history (event, available, version,

smg-21	14/02/1997	5	.	0	.	0
smg-22	13/06/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-24	19/12/1997	5	.	3	.	0
smg-25	20/03/1998	5	.	4	.	0
smg-26	26/06/1998	5	.	5	.	0
smg-27	16/10/1998	5	.	6	.	0

WG (prime / other): N4 / - rapporteur: PARK, Ian David VODAFONE LTD

G: yes U: MCC: Chalmers
KYMALAINEN, Kimmo

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.20 Security-related Network Functions

R96 current version: 5.2.1

freeze_meeting: smg-22

history (event, available, version,

smg-20	11/10/1996	5	.	0	.	0
smg-21	14/02/1997	5	.	1	.	0
smg-23	17/10/1997	5	.	2	.	0
smg-29	25/06/1999	5	.	2	.	1

WG (prime / other): S3 / NP / GP rapporteur: NGUYEN NGOC, France Telecom
Sebastien

G: yes U: MCC: POPE, Maurice

[get it](#) remarks - general:
[get it](#) remarks - this release: SMG#29: CRs but postponed, then forgotten!
[get it](#)
[get it](#)

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TS 03.22	Functions related to Mobile Station (MS) in idle mode and group receive mode						
R96	<i>current version:</i> 5.3.1	<i>WG (prime / other):</i>	G1 / N1	<i>rapporteur:</i>	ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-22				Peter Skov		
		<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-20 11/10/1996	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	TeliaSonera 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	SOURCE COM	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	YOON, Sang-Ui		
	<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>			
	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

history (event, available, version,

smg-21 14/02/1997 5 . 0 . 0

smg-26 26/06/1998 5 . 1 . 0

smg-28 12/02/1999 5 . 2 . 0

WG (prime / other): N1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation

G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #21: 5.0.0 #26: 5.1.0 #28: 5.2.0

[get it](#)

TS 03.38 Alphabets and language-specific information

R96 *current version:* 5.6.1

freeze_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

Editorial correction 13/07/1997 5 . 6 . 1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:* #16: 5.0.0 #17: 5.1.0 #18: 5.2.0 #19: 5.3.0 #20: 5.4.0 #21: 5.5.0 #22: 5.6.0

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TS 03.40 Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)

R96 *current version:* 5.8.1

freeze_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-17 02/02/1996 5 . 1 . 0

smg-18 12/04/1996 5 . 2 . 0

smg-19 28/06/1996 5 . 3 . 0

smg-20 11/10/1996 5 . 4 . 0

smg-21 14/02/1997 5 . 5 . 0

smg-22 13/06/1997 5 . 6 . 0

smg-23 17/10/1997 5 . 7 . 0

smg-26 26/06/1998 5 . 8 . 0

Editorial change 26/07/1998 5 . 8 . 1

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited

G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

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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>

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

TR 03.44 Support of Teletex in a GSM Public Land Mobile Network (PLMN)
R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 03.45 Technical Realization of Facsimile Group 3 Service - transparent
R96 *current version:* 5.2.1 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 02/05/1997 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 1 . 1 [get it](#)
smg-22 13/06/1997 5 . 2 . 0 [get it](#)
ETSI publication 02/02/1998 5 . 2 . 1 [get it](#)

TS 03.46 Technical Realization of Facsimile Group 3 Service - non transparent
R96 *current version:* 5.0.0 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)
R96 *current version:* 5.0.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

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Server ACTIVE specs R96 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)				
R96	<i>current version:</i> 5.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH	
	<i>freeze_meeting:</i> smg-22				
	<i>history (event, available, version,</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	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</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	current version: 5.1.0	WG (prime / other):	N1 / -	rapporteur:	JACOBSON, Dieter	T-MOBILE DEUTSCHLAND			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-18 12/04/1996	5 . 1 . 0		get it	remarks - this release:				

TS 03.67	Enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2								
R96	current version: 5.1.1	WG (prime / other):	N4 / -	rapporteur:	SCHMITT, Peter	SIEMENS AG			
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-20 11/10/1996	5 . 1 . 0		get it	remarks - this release:				
	ETSI publication 03/06/1997	5 . 1 . 1		get it					

TS 03.68	Voice Group Call Service (VGCS); Stage 2								
R96	current version: 5.5.1	WG (prime / other):	N1 / -	rapporteur:	GARAPATY, Sonia	Nortel Networks (USA)			
	freeze_meeting: smg-22	G: yes U:		MCC:	JORGENSEN, Per Johan				
	history (event, available, version,								
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:				
	smg-18 12/04/1996	5 . 1 . 0		get it	remarks - this release: #16: 5.0.0 #18: 5.1.0 #20: 5.1.1 #21: 5.2.0 #23: 5.3.0 #24: 5.4.0 #26: 5.5.0				
	smg-20 11/10/1996	5 . 1 . 1		get it					
	ETSI publication 03/06/1997	5 . 1 . 2		get it					
	smg-21 14/02/1997	5 . 2 . 0		get it					
	ETSI publication 26/08/1997	5 . 2 . 1		get it					
	smg-23 17/10/1997	5 . 3 . 0		get it					
	ETSI publication 07/04/1998	5 . 3 . 1		get it					
	smg-24 19/12/1997	5 . 4 . 0		get it					
	ETSI publication 23/07/1998	5 . 4 . 1		get it					
	smg-26 26/06/1998	5 . 5 . 1		get it					

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Server ACTIVE specs R96 03 .- series
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TS 03.69 Voice Broadcast service (VBS); Stage 2

R96 current version: 5.5.1

freeze_meeting: smg-22

history (event, available, version,

smg-16 20/10/1995 5 . 0 . 0

smg-18 12/04/1996 5 . 1 . 0

smg-20 11/10/1996 5 . 1 . 1

ETSI publication 03/06/1997 5 . 1 . 2

smg-21 14/02/1997 5 . 2 . 0

ETSI publication 26/08/1997 5 . 2 . 1

smg-23 17/10/1997 5 . 3 . 0

ETSI publication 07/04/1998 5 . 3 . 1

smg-24 19/12/1997 5 . 4 . 0

ETSI publication 23/10/1999 5 . 4 . 1

smg-26 26/06/1998 5 . 5 . 0

ETSI publication 10/12/1998 5 . 5 . 1

WG (prime / other): N1 / - rapporteur: MÜNNING, Dirk DETECON GMBH

G: yes U: MCC: JORGENSEN, Per Johan

[get it](#) remarks - general:

[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

history (event, available, version,

smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N3 / - rapporteur: BOSWARTHICK, David ETSI Secretariat

G: yes U: MCC: BOSWARTHICK, David

[get it](#) remarks - general: N3: "no R99 needed".

remarks - this release: #20: 5.0.0

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Server ACTIVE specs R96 03 .- series
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TS 03.78	Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 2; Stage 2					
R96	current version: 5.8.0	WG (prime / other): N2 / -	rapporteur: LANTELME, Isabelle	ALCATEL S.A.		
	freeze_meeting: smg-22	G: yes U:	MCC: JURISIC, Andrijana			
	history (event, available, version,					
	smg-21 14/02/1997	5 . 0 . 0	get it	remarks - general:		
ETSI publication	23/04/1997	5 . 0 . 1	get it	remarks - this release:		
	smg-22 13/06/1997	5 . 1 . 0	get it			
	smg-23 17/10/1997	5 . 2 . 0	get it			
	smg-24 19/12/1997	5 . 3 . 0	get it			
	edito 19/01/1998	5 . 3 . 1	get it			
ETSI publication	30/01/1998	5 . 3 . 2	get it			
	smg-25 20/03/1998	5 . 4 . 0	get it			
	smg-26 26/06/1998	5 . 5 . 0	get it			
	smg-27 16/10/1998	5 . 6 . 0	get it			
	smg-28 12/02/1999	5 . 7 . 0	get it			
	smg-29 25/06/1999	5 . 8 . 0	get it			

TS 03.79	Support of Optimal Routeing phase 1; Stage 2					
R96	current version: 5.5.0	WG (prime / other): N4 / -	rapporteur: PARK, Ian David	VODAFONE LTD		
	freeze_meeting: smg-22	G: yes U:	MCC: KYMALAINEN, Kimmo			
	history (event, available, version,					
	smg-21 14/02/1997	5 . 0 . 0	get it	remarks - general:		
ETSI publication	02/05/1997	5 . 0 . 1	get it	remarks - this release: #21: 5.0.0 #22: 5.1.0 #24: 5.2.0 #25: 5.3.0 #27: 5.4.0 TSG#5: 5.5.0		
	smg-22 13/06/1997	5 . 1 . 0	get it			
	smg-24 19/12/1997	5 . 2 . 0	get it			
	smg-25 20/03/1998	5 . 3 . 0	get it			
	smg-27 16/10/1998	5 . 4 . 0	get it			
	NP-05 08/10/1999	5 . 5 . 0	get it			

TS 03.81	Line Identification Supplementary Services; Stage 2					
R96	current version: 5.2.0	WG (prime / other): N4 / -	rapporteur: KYMALAINEN, Kimmo	TeliaSonera AB		
	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	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general: remarks - this release: #20: 5.0.0	
TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
R96	current version: 5.0.0	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: remarks - this release: #20: 5.0.0	
TS 03.84	Multi Party (MPY) Supplementary Services; Stage 2					
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	HABERMANN, Steffen	T-MOBILE DEUTSCHLAND
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general: remarks - this release: #20: 5.0.0	
TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, smg-20 11/10/1996 5 . 0 . 0			get it	remarks - general: remarks - this release:	
TS 03.86	Advice of Charge (AoC) Supplementary Services; Stage 2					
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-22	G: yes U:		MCC:	KYMALAINEN, Kimmo	
	history (event, available, version, 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	

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Server ACTIVE specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.88 Call Barring (CB) supplementary services; Stage 2

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.90 Unstructured Supplementary Service Data (USSD)

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* CHOTAI, Sunil mm02 plc
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TS 03.91 Explicit Call Transfer (ECT) Supplementary Service; Stage 2

R96 *current version:* 5.0.2
freeze_meeting: smg-22
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0
smg-18 12/04/1996 5 . 0 . 1
smg-19 28/06/1996 5 . 0 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #16: 5.0.0 #18: 5.0.1 #19: 5.0.2
[get it](#)

R96

04 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0

WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration					
R96	current version: 5.0.0	WG (prime / other):	N1 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		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:	#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	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-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-22 13/06/1997 5 . 2 . 0	get it				
	smg-24 19/12/1997 5 . 3 . 0	get it				
<hr/>						
TS 04.04	Layer 1 - General Requirements					
R96	current version: 5.1.0	WG (prime / other):	G2 / -	rapporteur:	ISAACS, Ken	SIEMENS AG
	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:		
	ETSI publication 02/05/1997 5 . 0 . 1	get it		remarks - this release:		
	smg-24 19/12/1997 5 . 1 . 0	get it				
<hr/>						
TS 04.05	Data Link (DL) Layer General Aspects					
R96	current version: 5.0.1	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-20 11/10/1996 5 . 0 . 1	get it		remarks - general:		
				remarks - this release:		

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Server ACTIVE specs R96 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

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

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[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:*
[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 R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

R96 current version: 5.19.0

freeze_meeting: smg-22

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
NP-18	18/12/2002	5	.	19	.	0

WG (prime / other): N1 / G2 rapporteur: HOWELL, Andrew MOTOROLA Ltd
G: yes U: MCC: JORGENSEN, Per Johan

[get it](#)

remarks - general:

04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert

[get it](#)

remarks - this release: Thomasen (even numbered CRs!)

[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 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,					
	smg-20 11/10/1996 5 . 0 . 0				remarks - general:	
	edito 11/10/1996 5 . 0 . 1				remarks - this release:	
					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			
	history (event, available, version,					
	smg-16 20/10/1995 5 . 0 . 0				remarks - general:	
	smg-17 02/02/1996 5 . 1 . 0				remarks - this release:	
	smg-20 11/10/1996 5 . 1 . 1					
	smg-21 14/02/1997 5 . 2 . 0					
	ETSI publication 15/09/1997 5 . 2 . 1					
	NP-09 24/10/2000 5 . 3 . 0					
						get it
						get it
						get it
						get it
						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,					
	smg-19 28/06/1996 5 . 0 . 0				remarks - general:	
	smg-20 11/10/1996 5 . 0 . 1				remarks - this release: #19: 5.0.0 #20: 5.0.1	
	ETSI Publication 28/11/2000 5 . 0 . 2					
						get it
						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			
	history (event, available, version,					
	smg-18 12/04/1996 5 . 0 . 0				remarks - general:	
	smg-20 11/10/1996 5 . 1 . 0				remarks - this release: #18: 5.0.0 #20: 5.1.0	
	ETSI Publication 28/11/2000 5 . 1 . 1					
						get it
						get it

G = required in systems with GERAN 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 04.14	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:* SCHMITT, Peter SIEMENS AG
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](#)

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 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

R96 *current version:* 5.3.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-24 19/12/1997 5 . 1 . 0 [get it](#)
smg-25 20/03/1998 5 . 2 . 0 [get it](#)
smg-28 12/02/1999 5 . 3 . 0 [get it](#)
ETSI Publication 12/03/1999 5 . 3 . 1 [get it](#)

TS 04.81 Line Identification Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
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

TS 04.84 Multi Party (MPTY) Supplementary Services; Stage 3

R96 *current version:* 5.0.1 *WG (prime / other):* N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #20: 5.0.0

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.85	Closed User Group (CUG) Supplementary Services; Stage 3					
R96	current version: 5.0.0	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-20	11/10/1996	5	.	0	.	0
				get it	remarks - general:	
					remarks - this release: #20: 5.0.0	
<hr/>						
TS 04.86	Advice of Charge (AoC) Supplementary Services; Stage 3					
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-20	11/10/1996	5	.	0	.	0
ETSI Publication	11/11/1996	5	.	0	.	1
				get it	remarks - general:	
				get it	remarks - this release: #20: 5.0.0	
<hr/>						
TS 04.88	Call Barring (CB) Supplementary Services; Stage 3					
R96	current version: 5.1.1	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-20	11/10/1996	5	.	0	.	0
smg-24	19/12/1997	5	.	1	.	0
ETSI Publication	19/01/1998	5	.	1	.	1
				get it	remarks - general:	
				get it	remarks - this release: #20: 5.0.0 #24: 5.1.0	
				get it		
<hr/>						
TS 04.90	Unstructured Supplementary Service Data (USSD)					
R96	current version: 5.0.1	WG (prime / other):	N4 / -	rapporteur:	KYMALAINEN, Kimmo	TeliaSonera AB
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
smg-20	11/10/1996	5	.	0	.	0
ETSI Publication	11/11/1996	5	.	0	.	1
				get it	remarks - general:	
				get it	remarks - this release: #20: 5.0.0	
<hr/>						
TS 04.91	Explicit Call Transfer (ECT) Supplementary Service; Stage 3					
R96	current version: 5.1.2	WG (prime / other):	N4 / -	rapporteur:	WIEHE, Ulrich	Gesellschaft für Kommunikations Software
	freeze_meeting: smg-22	G: yes	U:	MCC:	KYMALAINEN, Kimmo	
history (event, available, version,						
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		

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

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 [get it](#) remarks - general:
smg-20 11/10/1996 5 . 1 . 0 [get it](#) remarks - this release:
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-25 20/03/1998 5 . 4 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

R96 current version: 5.10.0
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 [get it](#) remarks - general:
smg-19 28/06/1996 5 . 1 . 0 [get it](#) remarks - this release:
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
ETSI publication 13/05/1997 5 . 2 . 1 [get it](#)
smg-21 14/02/1997 5 . 3 . 0 [get it](#)
ETSI publication 26/08/1997 5 . 3 . 1 [get it](#)
smg-22 13/06/1997 5 . 4 . 0 [get it](#)
ETSI publication 31/12/1997 5 . 4 . 1 [get it](#)
smg-23 17/10/1997 5 . 5 . 0 [get it](#)
smg-25 20/03/1998 5 . 6 . 0 [get it](#)
ETSI publication 23/10/1998 5 . 6 . 1 [get it](#)
smg-26 26/06/1998 5 . 7 . 0 [get it](#)
ETSI publication 10/12/1998 5 . 7 . 1 [get it](#)
smg-28 12/02/1999 5 . 8 . 0 [get it](#)
ETSI publication 04/08/1999 5 . 8 . 1 [get it](#)
GP-01 09/10/2000 5 . 9 . 0 [get it](#)
GP-06 01/10/2001 5 . 10 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding								
R96	<i>current version:</i> 5.6.0								
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version,</i>								
	smg-17 02/02/1996	5	.	0	.	0		get it	<i>remarks - general:</i>
	smg-18 12/04/1996	5	.	1	.	0		get it	<i>remarks - this release:</i> #17: 5.0.0 #18: 5.1.0 #19: 5.2.0 #20: 5.2.1 #21: 5.3.0 #23: 5.4.0 #25: 5.5.0 GERAN#1:5.6.0
	smg-19 26/06/1996	5	.	2	.	0		get it	
	smg-20 11/10/1996	5	.	2	.	1		get it	
	ETSI publication 12/05/1997	5	.	2	.	2		get it	
	smg-21 14/02/1997	5	.	3	.	0		get it	
	ETSI publication 26/08/1997	5	.	3	.	1		get it	
	smg-23 17/10/1997	5	.	4	.	0		get it	
	smg-25 20/03/1998	5	.	5	.	0		get it	
	ETSI publication 23/10/1998	5	.	5	.	1		get it	
	GP-01 09/10/2000	5	.	6	.	0		get it	

TS 05.04	Modulation								
R96	<i>current version:</i> 5.1.1								
	<i>freeze_meeting:</i> smg-22								
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5	.	0	.	0		get it	<i>remarks - general:</i>
	ETSI publication 13/05/1997	5	.	0	.	1		get it	<i>remarks - this release:</i>
	smg-30 11/11/1999	5	.	1	.	0		get it	
	ETSI Publication 11/12/1999	5	.	1	.	1		get it	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

R96 current version: 5.13.0

freeze_meeting: smg-22

history (event, available, version,

smg-17	02/02/1996	5	.	0	.	0
smg-18	12/04/1996	5	.	1	.	0
smg-19	28/06/1996	5	.	2	.	0
smg-20	11/10/1996	5	.	3	.	0
ETSI publication	13/05/1997	5	.	3	.	1
smg-21	14/02/1997	5	.	4	.	0
ETSI publication	26/08/1997	5	.	4	.	1
smg-22	13/06/1997	5	.	5	.	0
ETSI publication	02/02/1998	5	.	5	.	1
smg-23	17/10/1997	5	.	6	.	0
smg-24	19/12/1997	5	.	7	.	0
ETSI publication	17/06/1998	5	.	7	.	1
smg-25	20/03/1998	5	.	8	.	0
ETSI publication	23/10/1998	5	.	8	.	1
smg-26	26/06/1998	5	.	9	.	0
ETSI publication	11/12/1998	5	.	9	.	1
smg-27	16/10/1998	5	.	10	.	0
ETSI publication	09/03/1999	5	.	10	.	1
smg-29	25/06/1999	5	.	11	.	0
ETSI publication	22/12/1999	5	.	11	.	1
smg-30	11/11/1999	5	.	12	.	0
GP-01	09/10/2000	5	.	13	.	0

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:

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Server ACTIVE specs R96 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

R96 current version: 5.10.0

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-19	28/06/1996	5	.	1	.	0
smg-20	11/10/1996	5	.	2	.	0
ETSI publication	03/06/1997	5	.	2	.	1
smg-21	14/02/1997	5	.	3	.	0
ETSI publication	26/08/1997	5	.	3	.	1
smg-22	13/06/1997	5	.	4	.	0
ETSI publication	31/12/1997	5	.	4	.	1
smg-23	17/10/1997	5	.	5	.	0
smg-24	19/12/1997	5	.	6	.	0
ETSI publication	17/06/1998	5	.	6	.	1
smg-25	20/03/1998	5	.	7	.	0
ETSI publication	23/10/1998	5	.	7	.	1
smg-26	26/06/1998	5	.	8	.	0
ETSI publication	10/12/1998	5	.	8	.	1
smg-27	16/10/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
GP-01	10/10/2000	5	.	10	.	0

WG (prime / other): G1 / - rapporteur: EL-SAIGH, Amer

VODAFONE Group Plc

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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TS 05.10 Radio subsystem synchronization

R96 current version: 5.4.1

freeze_meeting: smg-22

history (event, available, version,

smg-18	12/04/1996	5	.	0	.	0
smg-20	11/10/1996	5	.	1	.	0
ETSI publication	03/06/1997	5	.	1	.	1
smg-23	17/10/1997	5	.	2	.	0
draft	19/03/1999	5	.	2	.	1
ETSI publication	04/08/1999	5	.	2	.	2
GP-01	10/10/2000	5	.	3	.	0
GP-02	24/11/2000	5	.	4	.	0
edito	30/11/2000	5	.	4	.	1

WG (prime / other): G1 / - rapporteur: JOKINEN, Harri

NOKIA MOBILE PHONES

G: yes U:

MCC: USAI, Paolino

[get it](#)

remarks - general:

[get it](#)

remarks - this release:

[get it](#)

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Server ACTIVE specs 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 *WG (prime / other):* G1 / - *rapporteur:* VAN BUSSEL, Han T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #20: 5.0.0

TR 05.50 Background for RF Requirements
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels 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:*
smg-21 14/02/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #20: 5.0.0 #21: 5.1.0 #23: 5.1.1
smg-23 17/10/1997 5 . 1 . 1 [get it](#)

TR 05.90 GSM Electromagnetic Compatibility (EMC) considerations
R96 *current version:* 5.0.0 *WG (prime / other):* G1 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 28/05/1998 5 . 0 . 0 No proper source file available [get it](#) *remarks - general:*
remarks - this release: .

R96 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions
R96 *current version:* 5.1.1 *WG (prime / other):* S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-23 17/10/1997 5 . 1 . 0 [get it](#) *remarks - this release:*
ETSI Publication 17/11/1997 5 . 1 . 1 [get it](#)

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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 *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 06.06 Half Rate Speech: ANSI-C Code for GSM Half Rate Speech Codec

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 #23: 5.1.1
smg-23 17/10/1997 5 . 1 . 1 [get it](#)

TS 06.07 Half Rate Speech: Test Sequence for GSM Half Rate Speech Codec

R96 *current version:* 5.2.1 *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 #23: 5.2.0
smg-23 17/10/1997 5 . 2 . 0 [get it](#)
ETSI Publication 17/11/1997 5 . 2 . 1 [get it](#)

TR 06.08 Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec

R96 *current version:* 5.0.0 *WG (prime / other):* S4 / - *rapporteur:* SALEM, Tarek T-MOBILE DEUTSCHLAND
freeze_meeting: smg-22 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
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 06 .- series
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TS 06.10	Full Rate Speech Transcoding					
R96	<i>current version:</i> 5.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-22	<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-23 17/10/1997 5 . 1 . 0		get it	<i>remarks - this release:</i>		
	smg-32 20/06/2000 5 . 2 . 0		get it			
	ETSI Publication 04/01/2001 5 . 2 . 1		get it			
	SP-12 29/06/2001 5 . 3 . 0		get it			
<hr/>						
TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
R96	<i>current version:</i> 5.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-22	<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-23 17/10/1997 5 . 0 . 1		get it	<i>remarks - this release:</i> #20: 5.0.0 #23: 5.0.1		
<hr/>						
TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
R96	<i>current version:</i> 5.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI Publication 11/11/1996 5 . 0 . 1		get it	<i>remarks - this release:</i> #20: 5.0.0		
	SP-12 29/06/2001 5 . 1 . 0		get it			
<hr/>						
TS 06.20	Half Rate Speech Transcoding					
R96	<i>current version:</i> 5.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-20 11/10/1996 5 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-22 13/06/1997 5 . 1 . 0		get it	<i>remarks - this release:</i> #20: 5.0.0 #22: 5.1.0		
	ETSI Publication 13/07/1997 5 . 1 . 1		get it			

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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	Telecom Italia Lab 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:				
	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	Telecom Italia Lab 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:				
	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:</i> yes <i>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:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-19 28/06/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #32:5.2.0 TSG#10:5.3.0			
	smg-20 11/10/1996 5 . 1 . 1	get it				
	ETSI publication 28/03/1997 5 . 1 . 2	get it				
	smg-32 20/06/2000 5 . 2 . 0	get it				
	ETSI publication 5 . 2 . 1					
	SP-10 20/12/2000 5 . 3 . 0	get it				
<hr/>						
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec					
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-22	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-17 02/02/1996 5 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-19 28/06/1996 5 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-20 11/10/1996 5 . 1 . 1	get it				
	ETSI publication 13/01/2000 5 . 1 . 2	get it				
	smg-23 17/10/1997 5 . 1 . 3	get it				

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TS 06.54 Test sequences for the GSM Enhanced Full Rate (EFR)

R96 *current version:* 5.3.0
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
smg-22 13/06/1997 5 . 1 . 0
ETSI publication 27/02/1998 5 . 1 . 1
smg-32 20/06/2000 5 . 2 . 0
SP-10 20/12/2000 5 . 3 . 0

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)

TR 06.55 Performance characterisation of the GSM EFR Speech Codec

R96 *current version:* 5.0.0
freeze_meeting: smg-22
history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* SALEM, Tarek
G: yes U: MCC: USAI, Paolino

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: #19: 5.0.0

TS 06.60 Enhanced full rate speech transcoding

R96 *current version:* 5.2.1
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
smg-23 17/10/1997 5 . 1 . 3
smg-25 20/03/1998 5 . 2 . 0
ETSI Publication 20/04/1998 5 . 2 . 1

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #17: 5.0.0 #19:5.1.0 #20: 5.1.1 #23: 5.1.3 #25: 5.2.0
[get it](#)
[get it](#)
[get it](#)

TS 06.61 Substitution and muting of lost frames for enhanced full rate speech traffic channels

R96 *current version:* 5.1.2
freeze_meeting: smg-22
history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 1 . 1
ETSI Publication 11/11/1996 5 . 1 . 2

WG (prime / other): S4 / - *rapporteur:* JÄRVINEN, Kari
G: yes U: MCC: USAI, Paolino

NOKIA Corporation

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #17: 5.0.0 #19: 5.1.0 #20: 5.1.1
[get it](#)
[get it](#)

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Server ACTIVE specs R96 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.82	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels						
R96	<i>current version:</i> 5.1.3	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</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			

TS 06.81	Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels						
R96	<i>current version:</i> 5.2.1	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-17 02/02/1996 5 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-19 28/06/1996 5 . 1 . 0			get it	<i>remarks - this release:</i> #17: 5.0.0 #19: 5.1.0 #20: 5.1.1 #22: 5.1.2 #30: 5.2.0		
	smg-20 11/10/1996 5 . 1 . 1			get it			
	smg-22 13/06/1997 5 . 1 . 2			get it			
	smg-30 11/11/1999 5 . 2 . 0			get it			
	ETSI Publication 09/05/2000 5 . 2 . 1			get it			

TS 06.82	Voice Activity Detection (VAD) for enhanced full rate speech traffic channels						
R96	<i>current version:</i> 5.0.3	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	JÄRVINEN, Kari	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-17 02/02/1996 5 . 0 . 0			get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 0 . 2			get it	<i>remarks - this release:</i> #17: 5.0.0 #20: 5.0.2 #22: 5.0.3		
	smg-22 13/06/1997 5 . 0 . 3			get it			

TR 06.85	Subjective tests on the interoperability of the HR/FR/EFR speech codecs; single, tandem and tandem free operation						
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i>	S4 / -	<i>rapporteur:</i>	USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>		<i>MCC:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>						
	smg-26 26/06/1998 5 . 0 . 0			get it	<i>remarks - general:</i>		
					<i>remarks - this release:</i> #26: 5.0.0		

G = required in systems with GERAN access; U = required in systems with UMTS

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Server ACTIVE specs R96 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

R96 *current version:* 5.9.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-16 20/10/1995 5 . 0 . 0 [get it](#) *remarks - general:*
smg-17 02/02/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-18 12/04/1996 5 . 1 . 1 [get it](#)
smg-19 28/06/1996 5 . 2 . 0 [get it](#)
smg-20 11/10/1996 5 . 3 . 0 [get it](#)
smg-21 14/02/1997 5 . 4 . 0 [get it](#)
smg-22 13/06/1997 5 . 5 . 0 [get it](#)
smg-23 17/10/1997 5 . 6 . 0 [get it](#)
smg-24 19/12/1997 5 . 7 . 0 [get it](#)
smg-25 20/03/1998 5 . 8 . 0 [get it](#)
smg-28 12/02/1999 5 . 9 . 0 [get it](#)
ETSI Publication 12/03/1999 5 . 9 . 1 [get it](#)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R96 *current version:* 5.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar 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:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-22 *G: yes U:* *MCC:* BOSWARTHICK, David

history (event, available, version,
smg-18 12/04/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 0 . 1 [get it](#) *remarks - this release:* #18: 5.0.0 #20: 5.0.1 #21: 5.1.0 #22: 5.2.0 #23: 5.3.0 #24: 5.4.0
smg-21 14/02/1997 5 . 1 . 0 [get it](#)
smg-22 13/06/1997 5 . 2 . 0 [get it](#)
smg-23 17/10/1997 5 . 3 . 0 [get it](#)
smg-24 19/12/1997 5 . 4 . 0 [get it](#)
ETSI Publication 19/01/1998 5 . 4 . 1 [get it](#)

TS 07.05 Use of Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface for Short Message Services (SMS) and Cell Broadcast Services (CBS)

R96 *current version:* 5.5.0 *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: smg-22 *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0 [get it](#) *remarks - general:*
smg-20 11/10/1996 5 . 1 . 0 [get it](#) *remarks - this release:*
smg-21 14/02/1997 5 . 2 . 0 [get it](#)
smg-22 13/06/1997 5 . 3 . 0 [get it](#)
smg-23 17/10/1997 5 . 4 . 0 [get it](#)
smg-24 19/12/1997 5 . 5 . 0 [get it](#)

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

R96 *current version:* 5.9.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
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
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TS 07.08 GSM Application Programming Interface

R96 *current version:* 5.2.1 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
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:*

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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	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-20 11/10/1996	5 . 0 . 0		get it	remarks - general:	
					remarks - this release:	
<hr/>						
TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
R96	current version: 5.3.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	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-25 20/03/1998	5 . 2 . 0		get it		
	smg-28 12/02/1999	5 . 3 . 0		get it		
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TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
R96	current version: 5.12.0	WG (prime / other):	G2 / -	rapporteur:	ANDERSEN, Niels	MOTOROLA A/S
	freeze_meeting: smg-22				Peter Skov	
		G: yes	U:	MCC:	THOMASEN, Gert	
	history (event, available, version,					
	smg-16 20/10/1995	5 . 0 . 0		get it	remarks - general:	
	smg-17 02/02/1996	5 . 1 . 0		get it	remarks - this release:	
		5 . 2 . 0				
		5 . 3 . 0				
	smg-20 11/10/1996	5 . 4 . 0		get it		
	smg-21 14/02/1997	5 . 5 . 0		get it		
	smg-22 13/06/1997	5 . 6 . 0		get it		
		5 . 7 . 0				
		5 . 8 . 0				
	smg-25	5 . 9 . 0				
	29/06/1998	5 . 10 . 0		get it		
	smg-29 25/06/1999	5 . 11 . 0		get it		
	smg-31 bis 17/04/2000	5 . 12 . 0		get it		

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Server ACTIVE specs R96 08 .- series
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TS 08.18	General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS Protocol								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> BLACK, Jyoti	MOTOROLA					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>	smg-24 19/12/1997	5 . 0 . 0	withdrawn smg-25	get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
<hr/>									
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface								
R96	<i>current version:</i> 5.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
<i>history (event, available, version,</i>	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>					
	smg-21 14/02/1997	5 . 1 . 0	get it	<i>remarks - this release:</i>					
	smg-22 13/06/1997	5 . 2 . 0	get it						
	smg-24 19/12/1997	5 . 3 . 0	get it						
	NP-11 04/04/2001	5 . 4 . 0	get it						
<hr/>									
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					
<hr/>									
TS 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles								
R96	<i>current version:</i> 5.0.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> THOMASEN, Gert						
<i>history (event, available, version,</i>	smg-20 11/10/1996	5 . 0 . 0	get it	<i>remarks - general:</i>					
				<i>remarks - this release:</i>					

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 08.54	BSC-BTS Layer 1; Structure of Physical Circuits								
R96	current version: 5.0.0		WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels		MOTOROLA A/S			
	freeze_meeting: smg-22			Peter Skov					
	history (event, available, version,		G: yes U:	MCC: THOMASEN, Gert					
	smg-16 20/10/1995 5 . 0 . 0		get it	remarks - general:					
				remarks - this release:					
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TS 08.56	BSC-BTS Layer 2; Specification								
R96	current version: 5.0.0		WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels		MOTOROLA A/S			
	freeze_meeting: smg-22			Peter Skov					
	history (event, available, version,		G: yes U:	MCC: THOMASEN, Gert					
	smg-20 11/10/1996 5 . 0 . 0		get it	remarks - general:					
				remarks - this release:					
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TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification								
R96	current version: 5.10.0		WG (prime / other): G2 / -	rapporteur: ANDERSEN, Niels		MOTOROLA A/S			
	freeze_meeting: smg-22			Peter Skov					
	history (event, available, version,		G: yes U:	MCC: 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						

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.60 In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels
R96 *current version:* 5.1.1 *WG (prime / other):* G1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-17 02/02/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
smg-19 28/06/1996 5 . 0 . 1 [get it](#) *remarks - this release:*
smg-20 11/10/1996 5 . 0 . 2 [get it](#)
smg-22 13/06/1997 5 . 1 . 0 [get it](#)
ETSI Publication 13/07/1997 5 . 1 . 1 [get it](#)

TS 08.61 In-band control of remote transcoders and rate adaptors for half rate traffic channels
R96 *current version:* 5.0.1 *WG (prime / other):* G1 / NP *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 *G: yes U:* *MCC:* USAI, Paolino

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:* 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.
ETSI Publication 11/11/1996 5 . 0 . 1 [get it](#) *remarks - this release:*

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01 General Network Interworking Scenarios
R96 *current version:* 5.0.0 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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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: 5.18.0

freeze_meeting: smg-22

history (event, available, version,

smg-16	20/10/1995	5	.	0	.	0
smg-17	02/02/1996	5	.	1	.	0
smg-18	12/04/1996	5	.	2	.	0
smg-19	28/06/1996	5	.	3	.	0
smg-20	11/10/1996	5	.	4	.	0
ETSI publication	03/06/1997	5	.	4	.	1
smg-21	14/02/1997	5	.	5	.	0
edito	23/05/1997	5	.	5	.	1
ETSI publication	05/11/1997	5	.	5	.	2
smg-22	13/06/1997	5	.	6	.	0
ETSI publication	02/02/1998	5	.	6	.	1
smg-23	17/10/1997	5	.	7	.	0
smg-24	19/12/1997	5	.	8	.	0
ETSI publication	23/07/1998	5	.	8	.	1
smg-25	20/03/1998	5	.	9	.	0
ETSI publication	09/03/1999	5	.	9	.	1
smg-26	26/06/1998	5	.	10	.	0
ETSI publication	05/09/1999	5	.	10	.	1
smg-27	16/10/1998	5	.	11	.	0
ETSI publication	23/03/1999	5	.	11	.	1
smg-28	12/02/1999	5	.	12	.	0
ETSI publication	04/08/1999	5	.	12	.	1
smg-29	25/06/1999	5	.	13	.	0
ETSI publication	29/12/1999	5	.	13	.	1
NP-05	08/10/1999	5	.	14	.	0
ETSI publication	09/05/2000	5	.	14	.	1
NP-06	15/12/1999	5	.	15	.	0
NP-09	13/11/2000	5	.	16	.	0
NP-15	04/04/2002	5	.	17	.	0
include SDLs	22/07/2002	5	.	17	.	1
NP-19		5	.	18	.	0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
[get it](#) remarks - this release:

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Server ACTIVE specs R96 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile
R96	<i>current version:</i> Network (PLMN) 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	get it <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 0	<i>remarks - this release:</i> #20: 5.0.0

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	get it <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 0	<i>remarks - this release:</i> #20: 5.0.0

TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access
R96	<i>current version:</i> 5.0.0 <i>WG (prime / other):</i> N3 /- <i>rporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	get it <i>remarks - general:</i> N3: "no R99 needed".
smg-20 11/10/1996 5 . 0 . 0	<i>remarks - this release:</i> #20: 5.0.0

TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet
R96	<i>current version:</i> Switched Data Transmission Services 5.0.2 <i>WG (prime / other):</i> N3 /- <i>rporteur:</i> BOSWARTHICK, David ETSI Secretariat
	<i>freeze_meeting:</i> smg-22 G: yes U: MCC: BOSWARTHICK, David
<i>history (event, available, version,</i>	get it <i>remarks - general:</i> N3: "no R99 needed".
smg-19 28/06/1996 5 . 0 . 0	get it <i>remarks - this release:</i> #19: 5.0.0 #20: 5.0.1
smg-20 11/10/1996 5 . 0 . 1	get it
ETSI Publication 11/11/1996 5 . 0 . 2	

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Server ACTIVE specs R96 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								
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:	KYMALAINEN, Kimmo		
TeliaSonera AB									
	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			

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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	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software				
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo					
	<i>history (event, available, version,</i>								
	smg-18 12/04/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-19 28/06/1996	5 . 1 . 0		get it	<i>remarks - this release:</i> #18: 5.0.0 #19: 5.1.0				
<hr/>									
TS 09.78	CAMEL Application Part phase 2 (stage 3)								
R96	<i>current version:</i> 5.7.0		<i>WG (prime / other):</i> N2 / -	<i>rapporteur:</i> NOLDUS, Rogier	Telefon AB LM Ericsson				
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> JURISIC, Andrijana					
	<i>history (event, available, version,</i>								
	smg-21 14/02/2000	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-22 13/06/1997	5 . 1 . 0		get it	<i>remarks - this release:</i>				
	smg-23 17/10/1997	5 . 2 . 0		get it					
	smg-24 19/12/1997	5 . 3 . 0		get it					
	smg-25 20/03/1998	5 . 4 . 0		get it					
	smg-26 26/06/1998	5 . 5 . 0		get it					
	smg-28 12/02/1999	5 . 6 . 0		get it					
	smg-29 25/06/1999	5 . 7 . 0		get it					
<hr/>									
TR 09.90	Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)								
R96	<i>current version:</i> 5.1.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd				
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	<to be defined> 02/02/1996	5 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-22 02/01/2001	5 . 1 . 0		get it	<i>remarks - this release:</i>				
<hr/>									
TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
R96	<i>current version:</i> 5.1.1		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S				
	<i>freeze_meeting:</i> smg-21		<i>G: yes U:</i>	<i>MCC:</i> Peter Skov JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-20 11/10/1996	5 . 0 . 0	withdrawn SMG-30; reinstated NP-16	get it	<i>remarks - general:</i>				
	NP-16 26/06/2002	5 . 1 . 0		get it	<i>remarks - this release:</i> 2002-05-02 (Hietalahti): Anticipate resurrection as null document pointing to latest Release version.				
	edito post NP-18 16/12/2002	5 . 1 . 1	minor editorials to change style from TS to TR.	get it					

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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 Deutsche Telekom AG
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
smg-19 28/06/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-20 11/10/1996 5 . 2 . 0
Editorial correction 11/11/1996 5 . 2 . 1

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #19: 5.0.0 & 5.1.0 #20: 5.2.0 Jun00: version we have is actually 5.1.2!
[get it](#)

TR 10.02 Guidelines for the modification of the Mobile Application Part (MAP) in phase 2+

R96 *current version:* 5.1.0 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-22 *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
smg-21 14/02/1997 1 . 0 . 0
smg-25 20/03/1998 1 . 1 . 0
smg-25 20/03/1998 5 . 0 . 0
smg-28 12/02/1999 5 . 1 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #21: 1.0.0 #25: 1.1.0->5.0.0 #28:5.1.0
[get it](#)

TR 10.14 System overview for 14.4 kbit/s Work Item

R96 *current version:* 5.0.0 *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: smg-22 *G: yes U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
draft 23/07/1997 1 . 0 . 1
smg-22 2 . 0 . 0
smg-22 13/06/1997 5 . 0 . 0

[get it](#) *remarks - general:* still alive? June-2001:no. So no propogation to later releases.
remarks - this release:
[get it](#)

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs R96 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-4 Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification

R96 *current version:* 5.6.0 *WG (prime / other):* G5 / G4, *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED

freeze_meeting: smg-22

G: yes *U:* T3 *MCC:* SALMERON, Lidia

history (event, available, version,

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.

GP-02 30/11/2000 5 . 2 . 0

GP-04 29/03/2001 5 . 3 . 0

GP-04 11/04/2001 5 . 3 . 0

GP-06 31/08/2001 5 . 4 . 0

GP-07 09/01/2002 5 . 5 . 0

GP-13 21/02/2003 5 . 6 . 0

[get it](#) withdraw the R96 version, since the R99 version will cover all previous Releases.

[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

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](#)

[get it](#)

[get it](#)

[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 (SAT) for the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface
R96 *current version:* 5.9.0 *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: smg-27 One
G: yes *U:* *MCC:* DIETZE, Claus

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:*
smg-20 11/10/1996 5 . 2 . 0 [get it](#)
smg-21 14/02/1997 5 . 3 . 0 [get it](#)
smg-22 13/06/1997 5 . 4 . 0 [get it](#)
smg-23 17/10/1997 5 . 5 . 0 [get it](#)
smg-24 19/12/1997 5 . 6 . 0 [get it](#)
smg-25 20/03/1998 5 . 7 . 0 [get it](#)
smg-26 26/06/1998 5 . 8 . 0 [get it](#)
smg-27 16/10/1998 5 . 9 . 0 [get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters
R96 *current version:* 5.2.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-22 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
<to be defined> 5 . 0 . 0 *remarks - general:*
smg-25 20/03/1998 5 . 1 . 0 [get it](#) *remarks - this release:* .
smg-26 26/06/1998 5 . 2 . 0 [get it](#)
Editorial correction 26/06/1998 5 . 2 . 1 [get it](#)

R96 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.02 Subscriber, Mobile Equipment (ME) and Services Data Administration
R96 *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:*

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Server ACTIVE specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.05	Subscriber Related Call and Event Data					
R96	<i>current version:</i> 5.0.1		<i>WG (prime / other):</i> S5 / S1	<i>rapporteur:</i> BENDER, James		Nortel Networks (USA)
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997	5 . 0 . 0		get it	<i>remarks - general:</i>	
	Editorial correction 17/10/1997	5 . 0 . 1		get it	<i>remarks - this release:</i>	
<hr/>						
TS 12.08	Subscriber and Equipment trace					
R96	<i>current version:</i> 5.1.1		<i>WG (prime / other):</i> S5 / NP	<i>rapporteur:</i> RONKA, Kari		NOKIA Corporation
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997	5 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-25 20/03/1998	5 . 1 . 0		get it	<i>remarks - this release:</i>	
	Editorial correction 20/03/1998	5 . 1 . 1		get it		
<hr/>						
TS 12.21	Network Management (NM) procedures and messages on the A-bis interface					
R96	<i>current version:</i> 5.0.0		<i>WG (prime / other):</i> G3 / S5	<i>rapporteur:</i> TRUSS, Michael		MOTOROLA Ltd
	<i>freeze_meeting:</i> smg-22		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	smg-21 14/02/1997	5 . 0 . 0		get it	<i>remarks - general:</i> SP-13: S5->G3 but no change of rapporteur.	
					<i>remarks - this release:</i>	

Ph2

Ph2

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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ACTIVE specs Ph2 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system
Ph2 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: G: yes U: *MCC:* POPE, Maurice
history (event, available, version,
remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

TS 01.02 General Description of a GSM Public Land Mobile Network (PLMN)
Ph2 *current version:* 4.0.2 *WG (prime / other):* S1 / GP / *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-11b NP *MCC:* CLAYTON, Michael
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*

TR 01.04 Abbreviations and acronyms
Ph2 *current version:* 4.1.2 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-11b G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 0 . 3 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 0 . 4 [get it](#)
smg-11 01/07/1994 4 . 1 . 0 [get it](#)
smg-12 07/10/1994 4 . 1 . 1 [get it](#)
smg-14 07/04/1994 4 . 1 . 2 [get it](#)

Ph2 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

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Server ACTIVE specs Ph2 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01	Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.6.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 4 . 0	get it				
	smg-11 01/07/1994 4 . 4 . 1	get it				
	smg-12 07/10/1994 4 . 5 . 0	get it				
	smg-15 07/07/1995 4 . 6 . 0	get it				

TS 02.02	Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.2.2	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	PT12 final draft 09/05/1994 4 . 2 . 1	get it				
	ETSI publication 10/06/1998 4 . 2 . 2	get it				

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 2	get it	<i>remarks - general:</i>			
	smg-11 01/07/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	ETSI publication 19/01/1996 4 . 3 . 1	get it				

TS 02.04	General on Supplementary Services					
Ph2	<i>current version:</i> 4.9.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 5 . 1	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 6 . 0	get it	<i>remarks - this release:</i>			
	smg-10 15/04/1994 4 . 7 . 0	get it				
	smg-12 07/10/1994 4 . 8 . 0	get it				
	smg-15 07/07/1995 4 . 9 . 0	get it				
	smg-16 20/10/1995 4 . 9 . 1	get it				

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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: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1
smg-08 01/10/1993 4 . 2 . 0
smg-14 07/04/1995 4 . 3 . 0
smg-16 07/07/1995 4 . 4 . 0
smg-22 13/06/1997 4 . 5 . 0
ETSI OAP 21/07/1997 4 . 5 . 1
ETSI publication 14/01/1998 4 . 5 . 2

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.07 Mobile Station (MS) Features

Ph2 *current version:* 4.8.2
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 1
smg-08 01/10/1993 4 . 4 . 2
smg-10 15/04/1994 4 . 5 . 0
smg-11 01/07/1994 4 . 6 . 0
smg-15 07/07/1995 4 . 7 . 0
smg-22 13/06/1997 4 . 8 . 0
ETSI OAP 21/07/1997 4 . 8 . 1
ETSI publication 14/01/1998 4 . 8 . 2

WG (prime / other): S1 / - *rapporteur:* JEAL, David VODAFONE Group Plc
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 02.09 Security aspects

Ph2 *current version:* 4.5.1
freeze_meeting: smg-11b
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
smg-31 16/02/2000 4 . 5 . 0
ETSI publication 29/08/2000 4 . 5 . 1

WG (prime / other): S3 / S1 / *rapporteur:* CHRISTOFFERSSON, Telia Promotor AB
NP
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
[get it](#)
[get it](#)

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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: smg-11b	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: smg-11b	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: smg-11b	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 . 0 167/92			get it	remarks - this release:	
	smg-05 25/06/1993 4 . 2 . 0 98/93			get it		
	.. 30/08/2001 4 . 2 . 1			get it		
	smg-08 4 . 3 . 0					
	.. 01/10/1993 4 . 3 . 1			get it		
	.. 30/08/2001 4 . 3 . 2			get it		
	ETSI PE 01/11/1993 4 . 3 . 2			get it		
	ETSI publication 13/09/1994 4 . 3 . 3			get it		

G = required in systems with GERAN 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: smg-11b	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: smg-11b	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: smg-11b	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: smg-11b	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 *WG (prime / other):* S1 / - *rapporteur:* BLOMSTRAND, Ola TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 3 . 1 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 4 . 0 [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*
smg-11 01/07/1994 4 . 4 . 1 [get it](#)
smg-12 07/10/1994 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 1 [get it](#)
smg-24 19/12/1997 4 . 6 . 0 [get it](#)
ETSI publication 17/06/1998 4 . 6 . 1 [get it](#)

TS 02.82 Call Forwarding (CF) Supplementary Services; Stage 1

Ph2 *current version:* 4.5.2 *WG (prime / other):* S1 / - *rapporteur:* EVEN, Anne France Telecom
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 2 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.2 #10: 4.5.0 #16: 4.5.2*
smg-16 20/10/1995 4 . 5 . 2 [get it](#)

TS 02.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 1

Ph2 *current version:* 4.6.7 *WG (prime / other):* S1 / - *rapporteur:* JORGENSEN, Niels H. TDC TELE DANMARK A/S
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 6 . 3 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 6 . 5 [get it](#) *remarks - this release: #7: 4.6.3 #10: 4.6.5 #16: 4.6.7*
smg-16 20/10/1995 4 . 6 . 7 [get it](#)

TS 02.84 MultiParty (MPPTY) Supplementary Services; Stage 1

Ph2 *current version:* 4.4.7 *WG (prime / other):* S1 / - *rapporteur:* POSTMANN, Erwin SIEMENS AG
freeze_meeting: smg-11b *G: yes U:* *MCC:* CLAYTON, Michael

history (event, available, version,
smg-07 25/06/1993 4 . 4 . 2 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 4 . 5 [get it](#) *remarks - this release: #7: 4.4.2 #11: 4.4.5 #16: 4.4.7*
smg-16 20/10/1995 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
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 2
smg-16 20/10/1995 4 . 2 . 6

WG (prime / other): S1 / - rapporteur: BLOMSTRAND, Ola TeliaSonera AB
G: yes U: MCC: CLAYTON, Michael
[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.2.2 #16: 4.2.6

TS 02.86 Advice of Charge (AoC) Supplementary Services; Stage 1

Ph2
current version: 4.1.5
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 1
smg-16 01/10/1993 4 . 1 . 5

WG (prime / other): S1 / - rapporteur: CRAWFORD, Ian VODAFONE Group Plc
G: yes U: MCC: CLAYTON, Michael
[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.1.1 #16: 4.1.5

TS 02.88 Call Barring (CB) Supplementary Services; Stage 1

Ph2
current version: 4.4.3
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0
smg-08 01/10/1993 4 . 4 . 0
smg-16 27/01/1995 4 . 4 . 3

WG (prime / other): S1 / - rapporteur: CONRAD, Alan T-MOBILE DEUTSCHLAND
G: yes U: MCC: CLAYTON, Michael
[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.3.0 #8: 4.4.0 #16: 4.4.3

TS 02.90 Unstructured Supplementary Service Data (USSD); Stage 1

Ph2
current version: 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 1
smg-21 14/02/1997 4 . 1 . 0
ETSI publication 15/09/1997 4 . 1 . 1

WG (prime / other): S1 / - rapporteur: SLOTTE, Sverre NOKIA Corporation
G: yes U: MCC: CLAYTON, Michael
[get it](#) remarks - general:
[get it](#) remarks - this release: #8: 4.0.1 #21: 4.1.0

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: smg-11b			G: yes U:	MCC: YOON, Sang-Ui				
	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 / T2	rapporteur: SULTAN, Alain	SOURCE COM			
	freeze_meeting: smg-11b			G: yes U:	MCC: YOON, Sang-Ui				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	smg-17 02/02/1996	4	.	1	.	0	get it	remarks - this release: #7: 4.0.1 #17: 4.1.0 #18: 4.2.1	
	smg-18 12/04/1996	4	.	2	.	1	get it		
TS 03.03	Numbering, Addressing and Identification								
Ph2	current version: 4.11.1			WG (prime / other): N4 / T2	rapporteur: RUSSELL, Nick	VODAFONE LTD			
	freeze_meeting: smg-11b			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	TeliaSonera AB			
	freeze_meeting: smg-11b			N / T2					
	history (event, available, version,			G: yes U:	MCC: KYMALAINEN, Kimmo				
	smg-07 25/06/1993	4	.	0	.	1	get it	remarks - general:	
	Publication 19/01/1996	4	.	0	.	4	get it	remarks - this release: #7: 4.0.1	

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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: smg-11b			G: yes U:	MCC: BOSWARTHICK, David				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	0	.	0			
	smg-19 28/06/1996	4	.	1	.	0			
				get it	remarks - general:				
				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: smg-11b			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	2	.	0			
	smg-10 15/04/1994	4	.	3	.	0			
	Publication 19/01/1996	4	.	3	.	1			
				get it	remarks - general:				
				get it	remarks - this release:				
				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: smg-11b			G: yes U:	MCC: KYMALAINEN, Kimmo				
	history (event, available, version,								
	smg-07 25/06/1993	4	.	5	.	0			
	smg-08 01/10/1993	4	.	5	.	1			
	smg-09 21/01/1994	4	.	6	.	0			
	smg-10 15/04/1994	4	.	7	.	0			
	smg-18 12/04/1996	4	.	8	.	0			
				get it	remarks - general:				
				get it	remarks - this release:				
				get it					
				get it					
				get it					
TS 03.09	Handover Procedures								
Ph2	current version: 4.6.0			WG (prime / other): N1 / -	rapporteur: FARHOUMAND,	Ericsson Incorporated			
	freeze_meeting: smg-11b			G: yes U:	MCC: JORGENSEN, Per Johan				
	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	.	2	.	1			
	smg-10 15/04/1994	4	.	3	.	0			
	smg-11 01/07/1994	4	.	4	.	0			
	smg-12 07/10/1994	4	.	5	.	0			
	smg-17 02/02/1996	4	.	6	.	0			
				get it	remarks - general:				
				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				
				get it					
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				get it					
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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: smg-11b *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: smg-11b *G: yes U:* MCC: KYMALAINEN, Kimmo
history (event, available, version,
smg-07 4 . 4 . 0 [get it](#) *remarks - general:*
ETSI public 24/10/2002 4 . 4 . 1 [get it](#) *remarks - this release:*
enquiry
smg-09 4 . 5 . 0 [get it](#)
smg-10 4 . 6 . 0 [get it](#)
smg-11 4 . 7 . 0 [get it](#)
smg-12 24/10/2002 4 . 8 . 0 ETSI vote version [get it](#)
ETSI publication 24/10/2002 4 . 8 . 1 [get it](#)
smg-14 24/10/2002 4 . 9 . 0 ETSI oap version [get it](#)
ETSI publication 24/10/2002 4 . 9 . 1 [get it](#)
ETSI public 4 . 10 . 0
enquiry
smg-18 12/04/1996 4 . 10 . 1 [get it](#)

TS 03.12 Location Registration Procedures

Ph2 *current version:* 4.4.2 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* MCC: KYMALAINEN, Kimmo
history (event, available, version,
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](#)

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TS 03.13 Discontinuous Reception (DRX) in the GSM System

Ph2 *current version:* 4.0.4
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1
Publication 13/09/1994 4 . 0 . 4

WG (prime / other): G1 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

Telecom Italia Lab S.p.A.

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.0.1

TS 03.14 Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0
smg-10 15/04/1994 4 . 1 . 0
Publication 13/09/1994 4 . 1 . 1

WG (prime / other): N1 / - *rapporteur:* ZAUS, Robert
G: yes U: MCC: JORGENSEN, Per Johan

SIEMENS AG

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.0.0 #10: 4.1.0
[get it](#)

TS 03.15 Technical Realization of Operator Determined Barring

Ph2 *current version:* 4.3.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-10 15/04/1994 4 . 3 . 0
Publication 13/09/1994 4 . 3 . 1

WG (prime / other): N4 / - *rapporteur:* PARK, Ian David
G: yes U: MCC: KYMALAINEN, Kimmo

VODAFONE LTD

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.2.0 #10: 4.3.0
[get it](#)

TS 03.16 Subscriber Data Management

Ph2 *current version:* 4.2.1
freeze_meeting: smg-11b
history (event, available, version,
smg-14 07/04/1995 4 . 1 . 0
smg-16 20/10/1995 4 . 1 . 1
smg-18 12/04/1996 4 . 2 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich
G: yes U: MCC: KYMALAINEN, Kimmo

Gesellschaft für Kommunikations Software

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #14: 4.1.0 #16: 4.1.1 #18: 4.2.1
[get it](#)

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TS 03.20	Security-related Network Functions					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,	France Telecom		
	<i>freeze_meeting:</i> smg-11b	GP	Sebastien			
		<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 1	get it	<i>remarks - general:</i>			
	smg-10 15/04/1994 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-17 02/02/1996 4 . 3 . 2	get it				
	smg-21 14/02/1997 4 . 4 . 0	get it				
	Publication 26/08/1997 4 . 4 . 1	get it				

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> smg-11b		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 4 . 0	get it	<i>remarks - general:</i> Moved from SMG3 Jan 2000. Moved from G2 Mar 2001. 2001-07: title grows "and			
	smg-09 21/01/1994 4 . 5 . 0	get it	<i>remarks - this release:</i> group receive mode".			
	smg-10 15/04/1994 4 . 6 . 0	get it				
	smg-11 01/07/1994 4 . 7 . 0	get it				
	smg-12 07/10/1994 4 . 8 . 0	get it				
	smg-14 07/04/1995 4 . 9 . 0	get it				
	smg-16 20/10/1995 4 . 10 . 0	get it				
	smg-17 02/02/1996 4 . 11 . 0	get it				

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> smg-11b		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-18 12/04/1996 4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-22 13/06/1997 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	smg-23 17/10/1997 4 . 3 . 0	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.30	Radio Network Planning Aspects				
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> TEGTH, Ulf	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 2 . 1	get it	<i>remarks - this release:</i> #7: 4.2.0 #9: 4.2.1 #13: 4.3.0		
	smg-13 27/01/1995 4 . 3 . 0	get it			
<hr/>					
TS 03.38	Alphabets and language-specific information				
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</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		
<hr/>					
TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)				
Ph2	<i>current version:</i> 4.13.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	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			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
Ph2	<i>current version:</i> 4.11.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 4 . 1		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 5 . 0		get it	<i>remarks - this release:</i>				
	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	<i>current version:</i> 4.1.2	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	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>				

TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	RODERMUND, Friedhelm				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 0 . 0		get it	<i>remarks - general:</i>				
	Editorial 30/07/1998	4 . 0 . 1		get it	<i>remarks - this release:</i>				

TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 2 . 1		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 3 . 0		get it	<i>remarks - this release:</i>				
	smg-09 21/01/1994	4 . 3 . 1		get it					
	smg-10 15/04/1994	4 . 4 . 0		get it					
	smg-11 01/07/1994	4 . 4 . 1		get it					
	smg-14 07/04/1995	4 . 5 . 0		get it					

G = required in systems with GERAN access; 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 03.46 Technical Realization of Facsimile Group 3 Service - non transparent

Ph2 *current version:* 4.1.2 *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 0 . 2 [get it](#) *remarks - this release:*
smg-11 01/07/1994 4 . 1 . 0 [get it](#)
Publication 19/01/1996 4 . 1 . 2 [get it](#)

TR 03.47 Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)

Ph2 *current version:* 4.4.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* Friedhelm RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 2 . 1 [get it](#)
smg-18 12/04/1996 4 . 4 . 0 [get it](#)

TR 03.49 Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)

Ph2 *current version:* 4.6.0 *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: smg-11b *G: yes U:* *MCC:* Friedhelm RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #8: 4.2.0 #11: 4.3.0 #12: 4.4.0 #13: 4.5.0 #16:4.6.0
smg-11 01/07/1994 4 . 3 . 0 [get it](#)
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-13 27/01/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.50	Transmission Planning Aspects of the Speech Service in the GSM Public Land Mobile Network (PLMN) System				
Ph2	<i>current version:</i> 4.6.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-08 01/10/1993 4 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-09 21/01/1994 4 . 1 . 0	get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.1.0 #15: 4.2.0 #24: 4.3.0 #25: 4.4.0 #27: 4.5.0 #28: 4.6.0		
	smg-15 07/07/1995 4 . 2 . 0	get it			
	smg-24 19/12/1997 4 . 3 . 0	get it			
	smg-25 20/03/1998 4 . 4 . 0	get it			
	smg-27 16/10/1998 4 . 5 . 0	get it			
	smg-28 12/02/1999 4 . 6 . 0	get it			
	Editorial 12/03/1999 4 . 6 . 1	get it			

TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)				
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i> N3: "no R99 needed".		
	smg-08 01/10/1993 4 . 0 . 1	get it	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1		
	Publication 19/01/1996 4 . 0 . 3	get it			

TS 03.81	Line Identification Supplementary Services; Stage 2				
Ph2	<i>current version:</i> 4.8.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>		
	smg-09 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i> #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			

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Server ACTIVE specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
Ph2	<i>current version:</i> 4.8.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 5 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 5 . 1	get it	<i>remarks - this release:</i> #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				

TS 03.83	Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 2					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 3 . 0	get it	<i>remarks - general:</i>			
	smg-11 01/07/1994 4 . 3 . 2	get it	<i>remarks - this release:</i> #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				

TS 03.84	Multi Party (MPPTY) Supplementary Services; Stage 2					
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-09 21/01/1994 4 . 2 . 0	get it	<i>remarks - this release:</i> #7: 4.1.0 #9: 4.2.0 #10: 4.3.0 #12: 4.4.0			
	smg-10 15/04/1994 4 . 3 . 0	get it				
	smg-12 07/10/1994 4 . 4 . 0	get it				
	Editorial 07/11/1994 4 . 4 . 1	get it				

TS 03.85	Closed user Group (CUG) Supplementary Services; Stage 2					
Ph2	<i>current version:</i> 4.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-13 27/01/1995 4 . 2 . 0	get it				
	Editorial 27/02/1995 4 . 2 . 1	get it				

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Server ACTIVE specs Ph2 03 .- series
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TS 03.86 Advice of Charge (AoC) Supplementary Services; Stage 2

Ph2
current version: 4.6.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

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

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.1.0 #8: 4.2.0 #9: 4.3.0 #10: 4.4.0 #11: 4.5.0 #12: 4.6.0
[get it](#)
[get it](#)
[get it](#)
[get it](#)

TS 03.88 Call Barring (CB) supplementary services; Stage 2

Ph2
current version: 4.6.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

smg-07 25/06/1993 4 . 4 . 0
smg-10 15/04/1994 4 . 5 . 0
smg-12 07/10/1994 4 . 6 . 0
Editorial 07/11/1994 4 . 6 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release: #7: 4.4.0 #10: 4.5.0 #12: 4.6.0
[get it](#)
[get it](#)

TS 03.90 Unstructured Supplementary Service Data (USSD)

Ph2
current version: 4.1.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): N4 / - rapporteur: CHOTAI, Sunil mm02 plc
G: yes U: MCC: KYMALAINEN, Kimmo

smg-08 01/10/1993 4 . 0 . 0
smg-15 07/07/1995 4 . 1 . 0
Editorial 07/08/1995 4 . 1 . 1

[get it](#) remarks - general:
[get it](#) remarks - this release: #8: 4.0.0 #15: 4.1.0
[get it](#)

Ph2

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Server ACTIVE specs Ph2 04 .- series
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TS 04.01	Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles								
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>						
	ETSI publication 19/01/1996 4 . 0 . 4	get it	<i>remarks - this release: #7: 4.0.1</i>						
<hr/>									
TS 04.02	GSM Public Land Mobile Network (PLMN) Access Reference Configuration								
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>						
	ETSI publication 19/01/1996 4 . 0 . 4	get it	<i>remarks - this release: #7: 4.0.1</i>						
<hr/>									
TS 04.03	Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities								
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>						
	smg-10 15/04/1994 4 . 1 . 0	get it	<i>remarks - this release:</i>						
	Editorial 15/05/1994 4 . 1 . 1	get it							
<hr/>									
TS 04.04	Layer 1 - General Requirements								
Ph2	<i>current version:</i> 4.0.4	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG					
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>						
	ETSI publication 13/09/1994 4 . 0 . 4	get it	<i>remarks - this release:</i>						
<hr/>									
TS 04.05	Data Link (DL) Layer General Aspects								
Ph2	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert						
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>						
	ETSI publication 13/09/1994 4 . 0 . 3	get it	<i>remarks - this release:</i>						

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification					
Ph2	<i>current version:</i> 4.4.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> smg-11b		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 2 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 3 . 0	get it	<i>remarks - this release:</i>			
	smg-11 01/07/1994 4 . 4 . 0	get it				
<hr/>						
TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 1	get it	<i>remarks - general:</i>			
	smg-10 15/04/1994 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	smg-12 07/10/1994 4 . 3 . 0	get it				
	ETSI Publication 07/11/1997 4 . 3 . 1	get it				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.10 Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects

Ph2 *current version:* 4.10.1 *WG (prime / other):* N4 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

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:

[get it](#)

[get it](#)

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TS 04.11 Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface

Ph2 *current version:* 4.11.0 *WG (prime / other):* N1 / - *rapporteur:* NOBUYUKI, Uda NTT COMWARE Corporation
freeze_meeting: smg-11b

G: yes *U:* *MCC:* JORGENSEN, Per Johan

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](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

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[get it](#)

TS 04.12 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

Ph2 *current version:* 4.6.0 *WG (prime / other):* G2 / T2 *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-11b

G: yes *U:* *MCC:* THOMASEN, Gert

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](#)

[get it](#)

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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	<i>current version:</i> 4.2.0		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc				
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan					
	<i>history (event, available, version,</i>								
	smg-10 15/04/1994	4 . 0 . 0		get it	<i>remarks - general:</i>				
	smg-14 07/04/1995	4 . 0 . 2		get it	<i>remarks - this release:</i> #10: 4.0.0 #14: 4.0.2 #15: 4.1.0 #16: 4.2.0				
	smg-15 07/07/1995	4 . 1 . 0		get it					
	smg-16 20/10/1995	4 . 2 . 0		get it					
<hr/>									
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface								
Ph2	<i>current version:</i> 4.6.1		<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation				
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 2 . 1		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 3 . 0		get it	<i>remarks - this release:</i> #7: 4.2.1 #8: 4.3.0 #11: 4.4.0 #13: 4.5.0 #14: 4.6.0 Mar00: 4.6.1 = published version of ETS replacing OAP version				
	smg-11 01/07/1994	4 . 4 . 0		get it					
	smg-13 27/01/1995	4 . 5 . 0		get it					
	smg-14 07/04/1995	4 . 6 . 0		get it					
	published version of ETS replacing OAP v	02/03/2000 4 . 6 . 1		get it					
<hr/>									
TS 04.22	Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services								
Ph2	<i>current version:</i> Switching Centre (BSS - MSC) interface	4.5.1	<i>WG (prime / other):</i> N3	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG				
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David					
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 2 . 2		get it	<i>remarks - general:</i>				
	smg-08 01/10/1993	4 . 3 . 0		get it	<i>remarks - this release:</i> #7: 4.2.2 #8: 4.3.0 #13: 4.4.0 #25: 4.5.0				
	smg-13 27/01/1995	4 . 4 . 0		get it					
	smg-25 20/03/1998	4 . 5 . 0		get it					
	Editorial 20/04/1998	4 . 5 . 1		get it					

G = required in systems with GERAN 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 04.80 Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding

Ph2 *current version:* 4.11.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 7 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 9 . 0 [get it](#) *remarks - this release:*
smg-16 20/10/1995 4 . 10 . 0 [get it](#)
ETSI publication 23/08/1996 4 . 10 . 1 [get it](#)
smg-17 02/02/1996 4 . 11 . 0 [get it](#)
ETSI publication 23/08/1996 4 . 11 . 1 [get it](#)

TS 04.81 Line Identification Supplementary Services; Stage 3

Ph2 *current version:* 4.4.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0 [get it](#) *remarks - general:*
smg-10 15/04/1994 4 . 3 . 0 [get it](#) *remarks - this release: #7: 4.2.0 #10: 4.3.0 #12: 4.4.0*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
ETSI Publication 07/11/1994 4 . 4 . 1 [get it](#)

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph2 *current version:* 4.9.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 6 . 0 [get it](#) *remarks - general:*
smg-11 01/07/1994 4 . 7 . 0 [get it](#) *remarks - this release: #7: 4.6.0 #11: 4.7.0 #12: 4.8.0 #17: 4.9.0*
smg-12 07/10/1994 4 . 8 . 0 [get it](#)
smg-17 02/02/1996 4 . 9 . 0 [get it](#)
Editorial 02/03/1996 4 . 9 . 1 [get it](#)

TS 04.83 Call Waiting (CW) and Call Hold (HOLD) Supplementary Services; Stage 3

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* SHARP, Iain NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-07 25/06/1993 4 . 4 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 5 . 0 [get it](#) *remarks - this release: #7: 4.4.0 #9: 4.5.0 #17: 4.6.0*
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
Editorial 02/03/1996 4 . 6 . 1 [get it](#)

G = required in systems with 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 04.84 Multi Party (MPty) Supplementary Services; Stage 3

Ph2 *current version:* 4.3.2
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-09 21/01/1994 4 . 3 . 0
ETSI Publication 21/02/1994 4 . 3 . 2

WG (prime / other): N4 / - *rapporteur:* HABERMANN, Steffen T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.2.0 #9: 4.3.0
[get it](#)

TS 04.85 Closed User Group (CUG) Supplementary Services; Stage 3

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 0
smg-18 12/04/1996 4 . 1 . 0
Editorial 12/05/1996 4 . 1 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.0.0 #18: 4.1.0
[get it](#)

TS 04.86 Advice of Charge (AoC) Supplementary Services; Stage 3

Ph2 *current version:* 4.5.2
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 0
smg-08 01/10/1993 4 . 4 . 0
smg-11 01/07/1994 4 . 5 . 0
ETSI Publication 14/03/1995 4 . 5 . 2

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.2.0 #8: 4.4.0 #11: 4.5.0
[get it](#)
[get it](#)

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph2 *current version:* 4.7.1
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 6 . 0
smg-17 02/02/1996 4 . 7 . 0
Editorial 02/03/1996 4 . 7 . 1

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #7: 4.6.0 #17: 4.7.0
[get it](#)

G = required in systems with GERAN 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 04.90 Unstructured Supplementary Service Data (USSD)

Ph2 *current version:* 4.1.1 *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
smg-08 01/10/1993 4 . 0 . 0 [get it](#) *remarks - general:*
smg-12 07/10/1994 4 . 1 . 0 [get it](#) *remarks - this release:* #8: 4.0.0 #12: 4.1.0
Editorial 07/11/1994 4 . 1 . 1 [get it](#)

Ph2 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph2 *current version:* 4.6.0 *WG (prime / other):* G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 1 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 2 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 3 . 0 [get it](#)
smg-13 27/01/1995 4 . 4 . 0 [get it](#)
smg-14 07/04/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph2 *current version:* 4.11.0 *WG (prime / other):* G1 / - *rapporteur:* SÉBIRE, Benoist NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-07 25/06/1993 4 . 3 . 0 [get it](#) *remarks - general:*
smg-09 21/01/1994 4 . 4 . 0 [get it](#) *remarks - this release:*
smg-15 07/07/1995 4 . 5 . 0 [get it](#)
smg-16 20/10/1995 4 . 6 . 0 [get it](#)
smg-17 02/02/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
smg-22 13/06/1997 4 . 9 . 0 [get it](#)
smg-28 12/02/1999 4 . 10 . 0 [get it](#)
ETSI Publication 22/07/1999 4 . 10 . 1 [get it](#)
GP-06 01/10/2001 4 . 11 . 0 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.05 Radio Transmission and Reception

Ph2 current version: 4.23.1
freeze_meeting: smg-11b
history (event, available, version,

WG (prime / other): G1 / - rapporteur: SAMUELSSON, Mats
G: yes U: MCC: USAI, Paolino

[get it](#) remarks - general:
[get it](#) remarks - this release:

smg-07	25/06/1993	4	.	6	.	0
smg-08	01/10/1993	4	.	7	.	0
smg-09	21/01/1994	4	.	8	.	0
smg-10	15/04/1994	4	.	9	.	0
smg-13	27/01/1995	4	.	10	.	0
smg-14	07/04/1995	4	.	11	.	0
smg-16	20/10/1995	4	.	13	.	0
smg-17	02/02/1996	4	.	14	.	0
smg-18	12/04/1996	4	.	15	.	0
smg-19	28/06/1996	4	.	16	.	0
smg-20	11/10/1996	4	.	17	.	0
smg-21	14/02/1997	4	.	18	.	0
smg-22	13/06/1997	4	.	19	.	0
smg-23	17/10/1997	4	.	20	.	0
smg-24	19/12/1997	4	.	21	.	0
smg-26	26/06/1998	4	.	22	.	0
smg-29	25/06/1999	4	.	23	.	0
ETSI Publication	17/12/1999	4	.	23	.	1

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G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.08 Radio Subsystem Link Control

Ph2 *current version:* 4.22.1
freeze_meeting: smg-11b
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 VODAFONE Group Plc
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
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TS 05.10 Radio subsystem synchronization

Ph2 *current version:* 4.9.0
freeze_meeting: smg-11b
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 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

TR 05.22 Radio link management in hierarchical networks

Ph2 *current version:* 4.0.0
freeze_meeting: smg-11b
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: smg-11b
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: smg-11b
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 Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

remarks - general:
remarks - this release:
[get it](#)
[get it](#)

Ph2 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

Ph2 *current version:* 4.0.7
freeze_meeting: smg-11b
history (event, available, version,
smg-07 25/06/1993 4 . 0 . 2
smg-23 17/10/1997 4 . 0 . 6
ETSI Publication 07/04/1998 4 . 0 . 7

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: yes U: *MCC:* USAI, Paolino

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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> smg-11b	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> smg-11b	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> smg-11b	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> smg-11b	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

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Server ACTIVE specs Ph2 06 .- series
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TS 06.10	Full Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> LORENZ, Dietmar	PHILIPS Semiconductors		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-23 17/10/1997 4 . 1 . 0	get it	<i>remarks - this release:</i>			
	smg-32 20/06/2000 4 . 2 . 0	get it				
	Editorial 20/07/2000 4 . 2 . 1	get it				
	Correction of figure 3.2 29/06/2001 4 . 3 . 0	get it				

TS 06.11	Substitution and Muting of Lost Frames for Full Rate Speech Channels					
Ph2	<i>current version:</i> 4.0.6	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	smg-23 17/10/1997 4 . 0 . 5	get it	<i>remarks - this release: #7: 4.0.1 #23: 4.0.5</i>			
	ETSI Publication 07/04/1998 4 . 0 . 6	get it				

TS 06.12	Comfort Noise Aspects for Full Rate Speech Traffic Channels					
Ph2	<i>current version:</i> 4.1.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SERENO, Daniele	TELECOM ITALIA S.p.A.		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	MCC: USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 1	get it	<i>remarks - general:</i>			
	ETSI Publication 13/09/1994 4 . 0 . 4	get it	<i>remarks - this release: #7: 4.0.1</i>			
	SP-12 29/06/2001 4 . 1 . 0	get it				

TS 06.20	Half Rate Speech Transcoding					
Ph2	<i>current version:</i> 4.3.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> AFTELAK, Steve	MOTOROLA Ltd		
	<i>freeze_meeting:</i> smg-11b	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-14 07/04/1995 4 . 1 . 0	get it	<i>remarks - this release: #13: 4.0.0 #14: 4.1.0 #17: 4.3.0</i>			
	smg-17 02/02/1996 4 . 3 . 0	get it				
	ETSI Publication 03/03/1996 4 . 3 . 1	get it				

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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: smg-11b	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: smg-11b	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-13 27/01/1995 4 . 0 . 0	get it	remarks - general:		
	smg-15 07/07/1995 4 . 1 . 0	get it	remarks - this release: #13: 4.0.0 #15: 4.1.0		
	Editorial 07/08/1995 4 . 1 . 1	get it			
<hr/>					
TS 06.31	Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels				
Ph2	current version: 4.0.5	WG (prime / other): S4 / -	rapporteur: USAI, Paolino	Telecom Italia Lab S.p.A.	
	freeze_meeting: smg-11b	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: smg-11b	G: yes U:	MCC: USAI, Paolino		
	history (event, available, version,				
	smg-07 25/06/1993 4 . 0 . 1	get it	remarks - general:		
	smg-13 27/01/1995 4 . 1 . 0	get it	remarks - this release: #7: 4.0.1 #9: 4.0.3 #13: 4.1.0 #17: 4.2.0 #20: 4.2.1 #23: 4.3.0		
	smg-17 02/02/1996 4 . 2 . 0	get it			
	smg-23 17/10/1997 4 . 3 . 0	get it			
	Editorial 17/11/1997 4 . 3 . 1	get it			

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.41	Discontinuous Transmission (DTX) for Half Rate Speech Traffic Channels						
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI Publication 19/02/1995 4 . 0 . 2	get it	<i>remarks - this release:</i> #13: 4.0.0				
<hr/>							
TS 06.42	Voice Activity Detection (VAD) for Half Rate Speech Traffic Channels						
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> BARRETT, Paul	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-13 27/01/1995 4 . 0 . 0	get it	<i>remarks - general:</i>				
	smg-15 07/07/1995 4 . 1 . 0	get it	<i>remarks - this release:</i> #13: 4.0.0 #15: 4.1.0				
	Editorial 07/08/1995 4 . 1 . 1	get it					
<hr/>							
TS 06.51	GSM Enhanced full rate speech processing functions: General description						
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-22 13/06/1997 4 . 0 . 0	get it	<i>remarks - general:</i>				
	ETSI publication 31/12/1997 4 . 0 . 1	get it	<i>remarks - this release:</i> #22: 4.0.0 #32:4.1.0 TSG#10:4.2.0				
	smg-32 28/06/2000 4 . 1 . 0	get it					
	ETSI publication 30/11/2000 4 . 1 . 1	get it					
	SP-10 20/12/2000 4 . 2 . 0	get it					
<hr/>							
TS 06.53	ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec						
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation			
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	smg-23 17/10/1997 4 . 0 . 1	get it	<i>remarks - general:</i>				
			<i>remarks - this release:</i>				

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Server ACTIVE specs Ph2 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.54	Test sequences for the GSM Enhanced Full Rate (EFR)					
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0		get it	<i>remarks - general:</i>		
	ETSI publication 29/09/1998 4 . 0 . 1		get it	<i>remarks - this release:</i>		
	smg-32 20/06/2000 4 . 1 . 0		get it			
	SP-10 20/12/2000 4 . 2 . 0		get it			
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TR 06.55	Performance characterisation of the GSM EFR Speech Codec					
Ph2	<i>current version:</i> 4.0.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> SALEM, Tarek	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #22: 4.0.0</i>		
<hr/>						
TS 06.60	Enhanced full rate speech transcoding					
Ph2	<i>current version:</i> 4.1.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 4 . 0 . 0		get it	<i>remarks - general:</i>		
	smg-25 20/03/1998 4 . 1 . 0		get it	<i>remarks - this release: #23: 4.0.1 #25: 4.1.0</i>		
	ETSI Publication 24/08/2000 4 . 1 . 1		get it			
<hr/>						
TS 06.61	Substitution and muting of lost frames for enhanced full rate speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-22 13/06/1997 4 . 0 . 0		get it	<i>remarks - general:</i>		
	Editorial 13/07/1997 4 . 0 . 1		get it	<i>remarks - this release: #22: 4.0.0</i>		
<hr/>						
TS 06.62	Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels					
Ph2	<i>current version:</i> 4.0.1	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> JÄRVINEN, Kari	NOKIA Corporation		
	<i>freeze_meeting:</i> smg-11b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	smg-23 17/10/1997 4 . 0 . 1		get it	<i>remarks - general:</i>		
				<i>remarks - this release: #23: 4.0.1</i>		

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ACTIVE specs Ph2 06 .- series
Server http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.81 Discontinuous Transmission (DTX) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.1.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
smg-30 11/11/1999 4 . 1 . 0 [get it](#) *remarks - this release: #22: 4.0.0 #30: 4.1.0*
ETSI Publication 09/08/2000 4 . 1 . 1 [get it](#)

TS 06.82 Voice Activity Detection (VAD) for enhanced full rate speech traffic channels

Ph2 *current version:* 4.0.1 *WG (prime / other):* S4 / - *rapporteur:* JÄRVINEN, Kari NOKIA Corporation
freeze_meeting: smg-11b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
smg-22 13/06/1997 4 . 0 . 0 [get it](#) *remarks - general:*
Editorial 13/07/1997 4 . 0 . 1 [get it](#) *remarks - this release: #22: 4.0.0*

Ph2 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)

Ph2 *current version:* 4.10.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
smg-07 25/06/1993 4 . 5 . 0 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 6 . 0 [get it](#) *remarks - this release:*
smg-10 15/04/1994 4 . 7 . 0 [get it](#)
smg-13 27/01/1995 4 . 8 . 0 [get it](#)
smg-15 07/07/1995 4 . 9 . 0 [get it](#)
smg-16 20/10/1995 4 . 10 . 0 [get it](#)

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Server ACTIVE specs Ph2 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

Ph2 *current version:* 4.5.1 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *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:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: smg-11b *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: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
smg-07 25/06/1993 4 . 2 . 1 [get it](#) *remarks - general:*
smg-08 01/10/1993 4 . 3 . 0 [get it](#) *remarks - this release:*
smg-12 07/10/1994 4 . 4 . 0 [get it](#)
smg-16 20/10/1995 4 . 5 . 0 [get it](#)
smg-17 02/02/1996 4 . 6 . 0 [get it](#)
smg-18 12/04/1996 4 . 7 . 0 [get it](#)
smg-20 11/10/1996 4 . 8 . 0 [get it](#)
Editorial 11/11/1996 4 . 8 . 1 [get it](#)

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Server ACTIVE specs Ph2 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.07 AT Command set for GSM Mobile Equipment (ME)

Ph2 *current version:* 4.4.1 *WG (prime / other):* T2 / - *rapporteur:* CHRISTENSEN, Soren Ericsson AS
freeze_meeting: smg-11b *G: yes U:* *MCC:* RODERMUND, Friedhelm

history (event, available, version,
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: smg-11b *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 08.02 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: smg-11b *G: yes U:* *MCC:* THOMASEN, Gert

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	<i>current version:</i> 4.0.3	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI Publication 13/09/1994 4 . 0 . 3	get it	<i>remarks - this release:</i>			

TS 08.06	Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface					
Ph2	<i>current version:</i> 4.5.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 1 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 2 . 0	get it	<i>remarks - this release:</i>			
	smg-09 21/01/1994 4 . 3 . 0	get it				
	smg-10 15/04/1994 4 . 4 . 0	get it				
	smg-12 07/10/1994 4 . 5 . 0	get it				

TS 08.08	Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification					
Ph2	<i>current version:</i> 4.12.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels		MOTOROLA A/S	
	<i>freeze_meeting:</i> smg-11b		Peter Skov			
		<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993 4 . 4 . 0	get it	<i>remarks - general:</i>			
	smg-08 01/10/1993 4 . 5 . 0	get it	<i>remarks - this release:</i>			
	smg-09 21/01/1994 4 . 6 . 0	get it				
	smg-10 15/04/1994 4 . 7 . 0	get it				
	smg-13 27/01/1995 4 . 8 . 0	get it				
	smg-15 07/07/1995 4 . 9 . 0	get it				
	smg-16 20/10/1995 4 . 10 . 0	get it				
	smg-17 02/02/1996 4 . 11 . 0	get it				
	smg-23 17/10/1997 4 . 12 . 0	get it				
	ETSI Publication 23/10/1998 4 . 12 . 1	get it				

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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: smg-11b	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:	
<hr/>					
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: smg-11b	G: yes U:	Peter Skov		
history (event, available, version,			THOMASEN, Gert		
smg-07	25/06/1993	4 . 0 . 1	get it	remarks - general:	
smg-13	27/01/1995	4 . 1 . 0	get it	remarks - this release:	
<hr/>					
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: smg-11b	G: yes U:	Peter Skov		
history (event, available, version,			THOMASEN, Gert		
smg-07	25/06/1993	4 . 0 . 1	get it	remarks - general:	
smg-13	27/01/1995	4 . 1 . 0	get it	remarks - this release:	
smg-14	07/04/1995	4 . 2 . 0	get it		
<hr/>					
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: smg-11b	G: yes U:	Peter Skov		
history (event, available, version,			THOMASEN, Gert		
smg-07	26/06/1993	4 . 0 . 1	get it	remarks - general:	
smg-13	27/01/1995	4 . 1 . 0	get it	remarks - this release:	
<hr/>					
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: smg-11b	G: yes U:	Peter Skov		
history (event, available, version,			THOMASEN, Gert		
smg-08	01/10/1993	4 . 0 . 0	get it	remarks - general:	
ETSI Publication	13/09/1994	4 . 0 . 2	get it	remarks - this release:	

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ACTIVE specs Ph2 08 .- series
Server http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification								
Ph2	<i>current version:</i> 4.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		G: yes U:	MCC: THOMASEN, Gert						
<i>history (event, available, version,</i>									
smg-07	25/06/1993	4 . 3 . 0	get it	<i>remarks - general:</i>					
smg-08	01/10/1993	4 . 4 . 0	get it	<i>remarks - this release:</i>	#7: 4.3.0 #8: 4.4.0 #9: 4.5.0 #10: 4.6.0 #13: 4.7.0 #15: 4.8.0 #16: 4.9.0				
smg-09	21/01/1994	4 . 5 . 0	get it						
smg-10	15/04/1994	4 . 6 . 0	get it						
smg-13	27/01/1995	4 . 7 . 0	get it						
smg-15	07/07/1995	4 . 8 . 0	get it						
smg-16	20/10/1995	4 . 9 . 0	get it						

TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels								
Ph2	<i>current version:</i> 4.4.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		G: yes U:	MCC: USAI, Paolino						
<i>history (event, available, version,</i>									
smg-07	25/06/1993	4 . 1 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
smg-13	27/01/1995	4 . 2 . 0	get it	<i>remarks - this release:</i>					
smg-22	13/06/1997	4 . 3 . 0	get it						
smg-23	17/10/1997	4 . 4 . 0	get it						
Editorial	17/11/1997	4 . 4 . 1	get it						

TS 08.61	In-band control of remote transcoders and rate adaptors for half rate traffic channels								
Ph2	<i>current version:</i> 4.0.2	<i>WG (prime / other):</i> G1 / NP	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S					
	<i>freeze_meeting:</i> smg-11b		Peter Skov						
		G: yes U:	MCC: USAI, Paolino						
<i>history (event, available, version,</i>									
smg-13	27/01/1995	4 . 0 . 0	get it	<i>remarks - general:</i>	2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.				
ETSI Publication	19/01/1996	4 . 0 . 2	get it	<i>remarks - this release:</i>					

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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Server ACTIVE specs Ph2 09 .- series
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TR 09.01	General Network Interworking Scenarios					
Ph2	<i>current version:</i> 4.0.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo		TeliaSonera AB
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993	4 . 0 . 0		get it	<i>remarks - general:</i>	
	smg-09 21/01/1994	4 . 0 . 1		get it	<i>remarks - this release:</i>	
<hr/>						
TS 09.02	Mobile Application Part (MAP) Specification					
Ph2	<i>current version:</i> 4.19.1		<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich		Gesellschaft für Kommunikations Software
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>					
	smg-07 25/06/1993	4 . 4 . 0		get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)	
	smg-08 01/10/1993	4 . 5 . 0		get it	<i>remarks - this release:</i>	
	smg-09 21/01/1994	4 . 6 . 0		get it		
	smg-10 15/04/1994	4 . 7 . 0		get it		
	smg-11 01/07/1994	4 . 8 . 0		get it		
	smg-12 07/10/1994	4 . 9 . 0		get it		
	smg-13 27/01/1995	4 . 10 . 0		get it		
	smg-14 07/04/1995	4 . 11 . 0		get it		
	smg-16 20/10/1995	4 . 12 . 0		get it		
	smg-17 02/02/1996	4 . 13 . 0		get it		
	smg-19 28/06/1996	4 . 14 . 0		get it		
	smg-20 11/10/1996	4 . 15 . 0		get it		
	smg-21 14/02/1997	4 . 16 . 0		get it		
	smg-22 13/06/1997	4 . 17 . 0		get it		
	smg-23 17/10/1997	4 . 18 . 0		get it		
	NP-08 23/06/2000	4 . 19 . 0		get it		
	ETSI Publication 04/01/2001	4 . 19 . 1		get it		
<hr/>						
TS 09.03	Signalling Requirements on Interworking between the Intergrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile					
Ph2	<i>current version:</i> Network (PLMN)	4.0.3	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> BOSWARTHICK, David	
ETSI Secretariat						
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>	<i>MCC:</i> BOSWARTHICK, David		
	<i>history (event, available, version,</i>					
	smg-08 01/10/1993	4 . 0 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".	
	smg-09 21/01/1994	4 . 0 . 1		get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.0.1	
	ETSI Publication 14/03/1995	4 . 0 . 3		get it		

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http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)								
Ph2	<i>current version:</i> 4.0.2		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BOSWARTHICK, David			ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 0 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-08 01/10/1993	4 . 0 . 1		get it	<i>remarks - this release:</i> #7: 4.0.0 #8: 4.0.1 #9: 4.0.2				
	smg-09 21/01/1994	4 . 0 . 2		get it					
<hr/>									
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access								
Ph2	<i>current version:</i> 4.4.2		<i>WG (prime / other):</i> N3 / -		<i>rapporteur:</i> BOSWARTHICK, David			ETSI Secretariat	
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-08 01/10/1993	4 . 4 . 0		get it	<i>remarks - this release:</i> #7: 4.3.0 #8: 4.4.0 #9: 4.4.1				
	smg-09 21/01/1994	4 . 4 . 1		get it					
	ETSI Publication 13/09/1994	4 . 4 . 2		get it					
<hr/>									
TS 09.06	Interworking between a Public Land Mobile Network (PLMN) and a Packet Switched Public Data Network/Intergrated Services digital Network (PSPDN/ISDN) for Support of Packet								
Ph2	<i>current version:</i> Switched Data Transmission Services	4.5.0		<i>WG (prime / other):</i> N3				<i>rapporteur:</i> BOSWARTHICK, David	
	ETSI Secretariat								
	<i>freeze_meeting:</i> smg-11b		<i>G: yes U:</i>		<i>MCC:</i> BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-07 25/06/1993	4 . 3 . 0		get it	<i>remarks - general:</i> N3: "no R99 needed".				
	smg-09 21/01/1994	4 . 4 . 0		get it	<i>remarks - this release:</i> #7: 4.3.0 #9: 4.4.0 #12: 4.5.0				
	smg-12 07/10/1994	4 . 5 . 0		get it					

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TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
Ph2	<i>current version:</i> Network (PSTN)	4.13.1	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> smg-11b		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
<i>history (event, available, version,</i>									
	smg-07	25/06/1993	4	.	4	.	0	get it	<i>remarks - general:</i>
	smg-08	01/10/1993	4	.	5	.	0	get it	<i>remarks - this release:</i> #7: 4.4.0 #8: 4.5.0 #9: 4.6.0 #10: 4.7.0 #13: 4.8.0 #14: 4.9.0 #16: 4.10.0
									#18: 4.11.0 #20: 4.12.0 #27: 4.13.0
	smg-09	21/01/1994	4	.	6	.	0	get it	
	smg-10	15/04/1994	4	.	7	.	0	get it	
	smg-13	27/01/1995	4	.	8	.	0	get it	
	smg-14	07/04/1995	4	.	9	.	0	get it	
	smg-16	20/10/1995	4	.	10	.	0	get it	
	smg-18	12/04/1996	4	.	11	.	0	get it	
	smg-20	11/10/1996	4	.	12	.	0	get it	
	smg-27	16/10/1998	4	.	13	.	0	get it	
	ETSI Publication	23/03/1999	4	.	13	.	1	get it	

TS 09.08	Application of the Base Station System Application Part (BSSAP) on the E-Interface								
Ph2	<i>current version:</i> 4.1.1		<i>WG (prime / other):</i>	N1	/-	<i>rapporteur:</i>	FARHOUMAND, Ericsson Incorporated		
	<i>freeze_meeting:</i> smg-11b						Rouzbeh		
			G: yes	U:		<i>MCC:</i>	JORGENSEN, Per Johan		
<i>history (event, available, version,</i>									
	smg-09	21/01/1994	4	.	0	.	0	get it	<i>remarks - general:</i>
	smg-13	27/01/1995	4	.	1	.	0	get it	<i>remarks - this release:</i> #9: 4.0.0 #13: 4.1.0
	Editorial	27/02/1995	4	.	1	.	1	get it	

TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph2	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	4.4.1	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> smg-11b		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
<i>history (event, available, version,</i>									
	smg-08	01/10/1993	4	.	0	.	0	get it	<i>remarks - general:</i>
	smg-09	21/01/1994	4	.	1	.	0	get it	<i>remarks - this release:</i> #8: 4.0.0 #9: 4.1.0 #10: 4.2.0 #17: 4.3.0 #23: 4.4.0
	smg-10	15/04/1994	4	.	2	.	0	get it	
	smg-17	02/02/1996	4	.	3	.	0	get it	
	smg-23	17/10/1997	4	.	4	.	0	get it	
	Editorial	17/11/1997	4	.	4	.	1	get it	

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TS 09.11 Signalling Interworking for Supplementary Services

Ph2 *current version:* 4.6.1 *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: smg-11b *G: yes U:* *MCC:* KYMALAINEN, Kimmo

history (event, available, version,
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: smg-11b *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: smg-11b *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: smg-11b *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

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TR 09.94	Recommended infrastructure measures to overcome specific Mobile Station (MS) faults								
Ph2	<i>current version:</i> 4.6.1								
	<i>freeze_meeting:</i> smg-11b								
	<i>history (event, available, version,</i>								
	smg-14 07/04/1995	4	.	0	.	0		get it	<i>remarks - general:</i>
	smg-15 07/07/1995	4	.	1	.	0		get it	<i>remarks - this release:</i> v4.x.x belongs to all releases from ph2 onwards. 2002-05-02 (Hietalahti): Anticipate recast as null document pointing to latest Release version.
	smg-16 20/10/1995	4	.	2	.	0		get it	
	smg-19 28/06/1996	4	.	3	.	0		get it	
	smg-23 17/10/1997	4	.	4	.	0		get it	
	smg-30 11/11/1999	4	.	5	.	0		get it	
	NP-16 26/06/2002	4	.	6	.	0		get it	
	edito post NP-18 16/12/2002	4	.	6	.	1		get it	minor editorials to change style from TS to TR.

Ph2 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs Ph2 11 .- series
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TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification

Ph2 *current version:* 4.29.0 *WG (prime / other):* G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

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

[get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
[get it](#) *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 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-11b NP / T2 / SCP / G4

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

smg-16 20/10/1995 4 . 13 . 0
smg-17 02/02/1996 4 . 14 . 0
smg-18 12/04/1996 4 . 15 . 0
GP-06 06/09/2001 4 . 16 . 0

[get it](#) *remarks - general:* 2001-11-19: G4->G5.
[get it](#) *remarks - this release:* GP-06: Rel-4 serves all releases.
[get it](#)
[get it](#)

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TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

Ph2
current version: 4.34.0
freeze_meeting: smg-11b

WG (prime / other): G5 / S1 / NP / T2 / SCP / G4
rapporteur: SALMERON, Lidia
TELEPLUS LIMITED

G: yes U: MCC: SALMERON, Lidia

history (event, available, version,

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

[get it](#)

remarks - general: 2001-11-19: G4->G5.

[get it](#)

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

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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.

comments): freeze_meeting:

smg-11b G: yes U: MCC: DIETZE, Claus

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: smg-11b

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	<i>current version:</i> 4.14.1	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-11 01/07/1994	4 . 0 . 0	get it	<i>remarks - general:</i>	
	smg-12 07/10/1994	4 . 1 . 0	get it	<i>remarks - this release:</i>	
	smg-13 27/01/1995	4 . 2 . 0	get it		
	smg-15 07/07/1995	4 . 3 . 0	get it		
	smg-16 20/10/1995	4 . 4 . 0	get it		
	smg-17 02/02/1996	4 . 5 . 0	get it		
	smg-18 12/04/1996	4 . 6 . 0	get it		
	smg-20 11/10/1996	4 . 7 . 0	get it		
	smg-22 13/06/1997	4 . 8 . 0	get it		
	smg-23 17/10/1997	4 . 9 . 0	get it		
	smg-25 20/03/1998	4 . 10 . 0	get it		
	smg-26 26/06/1998	4 . 11 . 0	get it		
	smg-27 16/10/1998	4 . 12 . 0	get it		
	smg-28 12/02/1999	4 . 13 . 0	get it		
	smg-29 25/06/1999	4 . 14 . 0	get it		
	ETSI Publication 17/12/1999	4 . 14 . 1	get it		

TR 11.22	GSM Base Station and Ancillary Equipment, Physical and Electrical Parameters, Application of Standards and Guidance Notes				
Ph2	<i>current version:</i> 4.2.0	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> smg-11b	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	<to be defined>	4 . 0 . 0		<i>remarks - general:</i>	
	smg-21 14/02/1997	4 . 1 . 3	get it	<i>remarks - this release:</i> .	
	smg-31 bis 17/04/2000	4 . 2 . 0	get it		

G = required in systems with GERAN acces; U = required in systems with UMTS

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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: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version,

smg-11	01/07/1994	4	.	0	.	0
smg-15	07/07/1995	4	.	1	.	0
smg-16	20/10/1995	4	.	2	.	0
smg-17	02/02/1996	4	.	3	.	0
smg-18	12/04/1996	4	.	4	.	0
smg-19	28/06/1996	4	.	5	.	0
smg-21	14/02/1997	4	.	6	.	0
smg-22	13/06/1997	4	.	7	.	0
smg-23	17/10/1997	4	.	8	.	0
smg-25	20/03/1998	4	.	9	.	0
Editorial	20/10/1998	4	.	9	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release: Not progressed to Ph2+ because no regulatory requirement.

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TS 11.24 GSM Transcoding and Rate Adaptation: Base Station System Equipment Specification

Ph2 *current version:* 4.3.1 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version,

smg-14	07/04/1995	4	.	0	.	0
smg-20	11/10/1996	4	.	1	.	0
smg-25	20/03/1998	4	.	2	.	0
smg-27	16/10/1998	4	.	3	.	0
Editorial correction	16/10/1998	4	.	3	.	1

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #14: 400 #20: 4.1.0 #25: 4.2.0 #27: 4.3.0

[get it](#)

[get it](#)

[get it](#)

TS 11.26 Base Station System (BSS) equipment specification; Part 4: Repeaters

Ph2 *current version:* 4.2.2 *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-11b *G: yes U:* MCC: USAI, Paolino

history (event, available, version,

smg-15	07/07/1995	4	.	0	.	0
smg-17	02/02/1996	4	.	1	.	0
smg-18	12/04/1996	4	.	2	.	0
smg-20	11/10/1996	4	.	2	.	2

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remarks - general:

[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 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: smg-11b *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: smg-11b *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: smg-11b *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 12.06 Network Configuration Management and Administration

Ph2 *current version:* 4.1.1
freeze_meeting: smg-11b
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 Telefon AB LM Ericsson
G: yes U: *MCC:* ZOICAS, Adrian
[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: smg-11b
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 NOKIA Corporation
G: yes U: *MCC:* ZOICAS, Adrian
[get it](#) *remarks - general:*
[get it](#) *remarks - this release:*
[get it](#)
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[get it](#)

TS 12.11 Fault management of the Base Station System (BSS)

Ph2 *current version:* 4.2.1
freeze_meeting: smg-11b
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 Telefon AB LM Ericsson
G: yes U: *MCC:* ZOICAS, Adrian
[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: smg-11b *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: smg-11b *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 T-Mobile USA Inc.
freeze_meeting: smg-11b *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: smg-11b
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: smg-11b
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: smg-11b
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: smg-11b
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:*
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #17: 4.0.0 May99: 4.1.0 (was originally 13.02)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph2 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR32 Attachment Requirements for DCS Terminal Equipment (Telephony)

Ph2 *current version:* none *WG (prime / other):* MSG / - *rapporteur:*
freeze_meeting: smg-11b 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
G: yes U: MCC: POPE, Maurice
history (event, available, version,
smg-07 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #7: 3.0.0

Ph1-EXT 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-EXT *current version:* 3.0.0 *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: JORGENSEN, Per Johan
G: yes U: MCC:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

[get it](#) *remarks - general:* 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert
remarks - this release: Thomasen (even numbered CRs!)

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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

3GPP specification status

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ACTIVE specs Ph1-DC 02 .- series
Server http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11 Service Accessibility

Ph1-DC *current version:* 3.1.0
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): S1 / - *rapporteur:* EVEN, Anne France Telecom
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release:

Ph1-DCS 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12 Location Registration Procedures

Ph1-DC *current version:* 3.0.1
freeze_meeting:
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: .

Ph1-DCS 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.08 Mobile radio interface layer 3 specification

Ph1-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

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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: 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:

history (event, available, version,
03/03/1993 0 . 0 . 0

WG (prime / other): N4 / - rapporteur: WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general: CN->N4 Apr00 (JMM)
remarks - this release:

TS 09.10 Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling

Ph1-DC current version: Procedures and the Mobile Application Part (MAP)

3.0.0WG (prime / other): N4 / - rapporteur: KYMALAINEN, Kimmo

TeliaSonera AB

freeze_meeting:

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

G: yes U: MCC: KYMALAINEN, Kimmo

[get it](#) remarks - general:
remarks - this release: .

Ph1-DCS 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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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:

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ACTIVE specs Ph1-DC 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1-DC *current version:* 3.13.0

freeze_meeting:

history (event, available, version,

smg-01	3	.	1	.	0	
smg-02	3	.	2	.	0	
smg-03	3	.	3	.	0	
smg-04	3	.	4	.	0	
smg-05	3	.	5	.	0	
smg-06	3	.	6	.	0	
smg-07	3	.	7	.	0	
smg-08	3	.	8	.	0	
smg-09	3	.	9	.	0	
smg-10	3	.	10	.	0	
smg-11	3	.	11	.	0	
smg-12	3	.	12	.	0	
smg-17	01/01/1995	3	.	13	.	0

WG (prime / other): GP / NP *rapporteur:* VACANT,
G: yes U: MCC: USAI, Paolino

remarks - general:
remarks - this release:

[get it](#)

TS 11.40 DCS 1800 System Simulator Conformity Specification

Ph1-DC *current version:* 3.3.0

freeze_meeting:

history (event, available, version,

smg-04	3	.	2	.	0	
smg-11	13/11/1995	3	.	3	.	0

WG (prime / other): G4 / - *rapporteur:*
G: yes U: MCC: CLAYTON, Michael

remarks - general:
remarks - this release: #4: 3.2.0 #11: 3.3.0

[get it](#)

Ph1

Ph1

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

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ACTIVE specs Ph1 01 .- series
Server http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.01 Technical Specifications and Technical Reports for a GERAN-based 3GPP system

Ph1 *current version:* none *WG (prime / other):* SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
freeze_meeting: gsm-25b *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,

remarks - general: post-SP-19: title changed from "GSM Release 1999 Specifications" to cater for
remarks - this release: . backwards extension to earlier releases.

TR 01.04 Abbreviations and acronyms

Ph1 *current version:* 3.0.1 *WG (prime / other):* GP / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,
gsm-29 2 . 0 . 3 *remarks - general:*
smg-12 07/10/1994 3 . 0 . 0 *remarks - this release:* .
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#)
[get it](#)

Ph1 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-18 10/04/1996 3 . 0 . 0 [get it](#) *remarks - general:*
ETSI publication 01/01/1995 3 . 0 . 1 [get it](#) *remarks - this release:* .
PT12 release 15/02/1992 3 . 2 . 0 [get it](#)

TS 02.02 Bearer Services (BS) Supported by a GSM Public Land Mobile Network (PLMN)

Ph1 *current version:* 3.2.0 *WG (prime / other):* S1 / - *rapporteur:* CARPENTER, Paul Research In Motion Limited
freeze_meeting: gsm-25b *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
CEPT GSM doc 15/01/1990 3 . 1 . 1 [get it](#) *remarks - general:*
CEPT GSM doc 15/07/1991 3 . 2 . 0 [get it](#) *remarks - this release:* .

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Server ACTIVE specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.03	Teleservices Supported by a GSM Public Land Mobile Network (PLMN)					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	CEPT GSM doc 03/01/1991 3 . 4 . 0	get it	<i>remarks - general:</i>			
	edito 22/07/1998 3 . 4 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.04	General on Supplementary Services					
Ph1	<i>current version:</i> 3.7.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	- 24/07/1998 3 . 7 . 0	get it	<i>remarks - general:</i>			
	CEPT GSM doc 03/01/1991 3 . 7 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 02.06	Types of Mobile Stations (MS)					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<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 02.07	Mobile Station (MS) Features					
Ph1	<i>current version:</i> 3.4.1	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> JEAL, David	VODAFONE Group Plc		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	- 10/05/1994 3 . 3 . 0	get it	<i>remarks - general:</i>			
	- 10/05/1994 3 . 4 . 0	get it	<i>remarks - this release:</i> .			
	ETSI publication 01/01/1995 3 . 4 . 1	get it				
<hr/>						
TS 02.09	Security aspects					
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> S3 / S1 /	<i>rapporteur:</i> CHRISTOFFERSSON, Per	Telia Promotor AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> POPE, Maurice			
	<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 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.11	Service Accessibility	Ph1 current version: 3.7.0 freeze_meeting: gsm-25b history (event, available, version, ETSI publication 01/01/1995 3 . 7 . 0	WG (prime / other): S1 / - G: yes U: get it	rapporteur: EVEN, Anne MCC: CLAYTON, Michael	France Telecom	remarks - general: remarks - this release:
TS 02.16	International Mobile Station Equipment Identities (IMEI)	Ph1 current version: 3.0.1 freeze_meeting: gsm-25b history (event, available, version, ETSI publication 01/01/1995 3 . 0 . 1	WG (prime / other): S1 / - G: yes U: get it	rapporteur: EVEN, Anne MCC: CLAYTON, Michael	France Telecom	remarks - general: remarks - this release: .
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics	Ph1 current version: 3.2.0 freeze_meeting: gsm-25b history (event, available, version, .. 30/08/2001 3 . 1 . 2 .. 04/01/2002 3 . 2 . 0 ETSI publication 01/01/1995 3 . 2 . 0	WG (prime / other): T3 / S1 G: yes U: get it get it get it	rapporteur: HOOKER, Philip MCC: DIETZE, Claus	ORANGE PCS LTD	remarks - general: remarks - this release: .
TS 02.17	Subscriber Identity Module (SIM); Functional characteristics	Ph1 current version: 3.2.0 freeze_meeting: gsm-25b history (event, available, version, .. 30/08/2001 3 . 1 . 2 .. 04/01/2002 3 . 2 . 0 ETSI publication 01/01/1995 3 . 2 . 0	WG (prime / other): T3 / S1 G: yes U: get it get it get it	rapporteur: HOOKER, Philip MCC: DIETZE, Claus	ORANGE PCS LTD	remarks - general: remarks - this release: .
TS 02.20	Collection charges	Ph1 current version: 3.0.1 freeze_meeting: gsm-25b history (event, available, version, 06/05/1992: 09/10/1997 3 . 0 . 1	WG (prime / other): S1 / G: yes U: get it	rapporteur: N, A MCC: CLAYTON, Michael	Indicate persons who left Company and wait for new One	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 02.30 Man-machine Interface (MMI) of the Mobile Station (MS)

Ph1 *current version:* 3.9.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 9 . 0

WG (prime / other): S1 / *rapporteur:* JEAL, David
G: yes U: *MCC:* CLAYTON, Michael

VODAFONE Group Plc

[get it](#) *remarks - general:*
remarks - this release: .

TS 02.40 Procedures for Call Progress Indications

Ph1 *current version:* 3.2.0
freeze_meeting: gsm-25b
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: gsm-25b
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: gsm-25b
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

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions					
Ph1	<i>current version:</i> 3.1.1					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 1				
			get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7		
				<i>remarks - this release:</i> .		
<hr/>						
TS 03.02	Network Architecture					
Ph1	<i>current version:</i> 3.1.4					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 4				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 03.03	Numbering, Addressing and Identification					
Ph1	<i>current version:</i> 3.6.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 6 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
<hr/>						
TS 03.04	Signalling Requirements Relating to Routing of Calls to Mobile Subscribers					
Ph1	<i>current version:</i> 3.1.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TR 03.05	Technical performance objectives					
Ph1	<i>current version:</i> 3.2.0					
	<i>freeze_meeting:</i> gsm-25b					
	<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> .		

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.07	Restoration Procedures					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> PARK, Ian David	VODAFONE LTD		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.08	Organization of Subscriber Data					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> BAUER, Rolf	ALCATEL SEL AG		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 7 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.09	Handover Procedures					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND,	Ericsson Incorporated		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: ROUZBEH JORGENSEN, Per Johan			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.10	GSM Public Land Mobile Network (PLMN) Connection Types					
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			
<hr/>						
TS 03.11	Technical Realization of Supplementary Services - General Aspects					
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	MCC: KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 1 . 1	get it	<i>remarks - general:</i> <i>remarks - this release:</i> .			

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.12	Location Registration Procedures					
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 3 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.13	Discontinuous Reception (DRX) in the GSM System					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.14	Support of Dual Tone Multi-Frequency Signalling (DTMF) via the GSM System					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> ZAUS, Robert	SIEMENS AG		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.20	Security-related Network Functions					
Ph1	<i>current version:</i> 3.3.2	<i>WG (prime / other):</i> S3 / NP /	<i>rapporteur:</i> NGUYEN NGOC,	France Telecom		
	<i>freeze_meeting:</i> gsm-25b	GP	Sebastien			
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 3 . 2	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 03.40	Technical Realization of the Short Message Service (SMS) Point-to-poin (PP)					
Ph1	<i>current version:</i> 3.7.0	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i>					
	smg-08 3 . 6 . 0		<i>remarks - general:</i>			
	smg-09 01/01/1995 3 . 7 . 0	get it	<i>remarks - this release:</i>			

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Server ACTIVE specs Ph1 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.41	Technical Realization of Short Message Service Cell Broadcast (SMSCB)								
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	HARRIS, Ian	Teleca Limited			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		<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>				
<hr/>									
TR 03.43	Support of Videotex								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		<i>MCC:</i>	RODERMUND, Friedhelm				
	<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/>									
TR 03.44	Support of Teletex in a GSM Public Land Mobile Network (PLMN)								
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i>	T2 / -	<i>rapporteur:</i>	RODERMUND, Friedhelm	Vodafone D2 GmbH			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		<i>MCC:</i>	RODERMUND, Friedhelm				
	<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>				
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TS 03.45	Technical Realization of Facsimile Group 3 Service - transparent								
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	smg-05	3 . 2 . 0							
	ETSI publication 01/01/1995	3 . 3 . 0 exists in PDF only		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				
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TS 03.46	Technical Realization of Facsimile Group 3 Service - non transparent								
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i>	N3 / -	<i>rapporteur:</i>	BOSWARTHICK, David	ETSI Secretariat			
	<i>freeze_meeting:</i> gsm-25b	G: yes U:		<i>MCC:</i>	BOSWARTHICK, David				
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 2 . 1		get it	<i>remarks - general:</i>				
					<i>remarks - this release:</i>				

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 03.48	Security mechanisms for SIM application toolkit; Stage 2					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> DIETZE, Claus			
	<i>history (event, available, version,</i> 09/10/1997 3 . 0 . 1		get it <i>remarks - general:</i> SMG9->T3@#31			
			<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					
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> USAI, Paolino	Telecom Italia Lab S.p.A.		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 4 . 0		get it <i>remarks - general:</i>			
			<i>remarks - this release:</i> #4: 3.2.2 #8: 3.3.0 #11: 3.4.0			
<hr/>						
TS 03.70	Routeing of Calls to/from Public Data Networks (PDN)					
Ph1	<i>current version:</i> 3.0.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 0 . 0		get it <i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.82	Call Forwarding (CF) Supplementary Services; Stage 2					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1		get it <i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 03.88	Call Barring (CB) supplementary services; Stage 2					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1		get it <i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

Ph1 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.01 Mobile Station - Base Station System (MS - BSS) Interface General Aspects and Principles

Ph1 *current version:* 3.0.1 *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: gsm-25b Peter Skov

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
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: gsm-25b Peter Skov

G: yes *U:* *MCC:* JORGENSEN, Per Johan

history (event, available, version,
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: gsm-25b Peter Skov

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 3

[get it](#) *remarks - general:*
remarks - this release: .

TS 04.04 Layer 1 - General Requirements

Ph1 *current version:* 3.3.4 *WG (prime / other):* G2 / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: gsm-25b THOMASEN, Gert

G: yes *U:* *MCC:* THOMASEN, Gert

history (event, available, version,
0 . 0 . 0

ETSI publication 01/01/1995 3 . 3 . 4

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http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.05	Data Link (DL) Layer General Aspects				
Ph1	<i>current version:</i> 3.1.5	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	ETSI publication 01/01/1995 3 . 1 . 5	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.06	Mobile Station - Base Stations System (MS - BSS) Interface Data Link (DL) Layer Specification				
Ph1	<i>current version:</i> 3.9.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	ETSI publication 01/01/1995 3 . 9 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 04.07	Mobile Radio Interface Signalling Layer 3 - General Aspects				
Ph1	<i>current version:</i> 3.3.3	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 3 . 3	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
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TS 04.08	Mobile radio interface layer 3 specification				
Ph1	<i>current version:</i> 3.14.0	<i>WG (prime / other):</i> N1 / G2	<i>rapporteur:</i> HOWELL, Andrew	MOTOROLA Ltd	
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan		
	<i>history (event, available, version,</i>				
	ETSI publication 01/01/1995 3 . 13 . 0	get it	<i>remarks - general:</i> 04.08 will remain as an index. Body txfrd to 24.008. Secondary MCC: Gert		
	ETSI publication 15/09/1997 3 . 14 . 0	get it	<i>remarks - this release:</i> . Thomasen (even numbered CRs!)		
<hr/>					
TS 04.10	Mobile Radio Interface Layer 3 - Supplementary Services Specification - General Aspects				
Ph1	<i>current version:</i> 3.2.3	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> KYMALAINEN, Kimmo		
	ETSI publication 01/01/1995 3 . 2 . 3	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.11	Point-to-Point (PP) Short Message Service (SMS) Support on Mobile Radio Interface					
Ph1	<i>current version:</i> 3.3.0	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> NOBUYUKI, Uda	NTT COMWARE Corporation		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 3 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> #5:3.3.0		
<hr/>						
TS 04.12	Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface					
Ph1	<i>current version:</i> 3.2.1	<i>WG (prime / other):</i> G2 / T2	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 2 . 1		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 04.21	Rate Adaption on the Mobile Station - Base Station System (MS-BSS) Interface					
Ph1	<i>current version:</i> 3.4.0	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<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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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	<i>current version:</i> Switching Centre (BSS - MSC) interface	3.7.0	<i>WG (prime / other):</i> N3	/-	<i>rapporteur:</i> KLEHN, Norbert	SIEMENS AG
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i> ETSI publication 01/01/1995 3 . 7 . 0		get it	<i>remarks - general:</i> <i>remarks - this release:</i> .		
<hr/>						
TS 04.80	Mobile Radio Interface Layer 3 - Supplementary Services Specification Formats and Coding					
Ph1	<i>current version:</i> 3.2.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<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> .		

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Server ACTIVE specs Ph1 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.82 Call Forwarding (CF) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 3

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

TS 04.88 Call Barring (CB) Supplementary Services; Stage 3

Ph1 *current version:* 3.1.3
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 3

WG (prime / other): N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
G: yes U: *MCC:* KYMALAINEN, Kimmo
[get it](#) *remarks - general:*
remarks - this release: .

Ph1 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.01 Physical Layer on the Radio Path (General Description)

Ph1 *current version:* 3.3.2
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 2

WG (prime / other): G1 / - *rapporteur:* JOKINEN, Harri NOKIA MOBILE PHONES
G: yes U: *MCC:* USAI, Paolino
[get it](#) *remarks - general:*
remarks - this release: .

TS 05.02 Multiplexing and Multiple Access on the Radio Path

Ph1 *current version:* 3.8.0
freeze_meeting: gsm-25b
history (event, available, version,
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: .

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Server ACTIVE specs Ph1 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.03	Channel coding					
Ph1	<i>current version:</i> 3.6.1					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 6 . 1				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> #12: 3.6.1		
<hr/>						
TS 05.04	Modulation					
Ph1	<i>current version:</i> 3.1.2					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 1 . 2				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
<hr/>						
TS 05.05	Radio Transmission and Reception					
Ph1	<i>current version:</i> 3.16.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	smg-04	3 . 14 . 0				
	smg-06b	3 . 15 . 0				
	ETSI publication 01/01/1995	3 . 16 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
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TS 05.08	Radio Subsystem Link Control					
Ph1	<i>current version:</i> 3.8.0					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995	3 . 8 . 0				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		
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TS 05.10	Radio subsystem synchronization					
Ph1	<i>current version:</i> 3.5.1					
	<i>freeze_meeting:</i> gsm-25b					
	<i>history (event, available, version,</i>					
	smg-04 01/01/1995	3 . 5 . 1				
			get it	<i>remarks - general:</i>		
				<i>remarks - this release:</i>		

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Server ACTIVE specs Ph1 06 .- series
http://www.3gpp.org/ftp/Specs/archive/06_series

Ph1 06 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/06_series

TS 06.01 Full Rate Speech Processing Functions

Ph1 *current version:* 3.0.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

Telecom Italia Lab S.p.A.

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.10 Full Rate Speech Transcoding

Ph1 *current version:* 3.2.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 2 . 0

WG (prime / other): S4 / - *rapporteur:* LORENZ, Dietmar
G: yes U: MCC: USAI, Paolino

PHILIPS Semiconductors

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.11 Substitution and Muting of Lost Frames for Full Rate Speech Channels

Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* NAVARRO, William
G: yes U: MCC: USAI, Paolino

NORTEL NETWORKS (EUROPE)

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.12 Comfort Noise Aspects for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.0.1
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

WG (prime / other): S4 / - *rapporteur:* SERENO, Daniele
G: yes U: MCC: USAI, Paolino

TELECOM ITALIA S.p.A.

[get it](#) *remarks - general:*
remarks - this release: .

TS 06.31 Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels

Ph1 *current version:* 3.1.0
freeze_meeting: gsm-25b
history (event, available, version,
ETSI publication 01/01/1995 3 . 1 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino
G: yes U: MCC: USAI, Paolino

Telecom Italia Lab S.p.A.

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remarks - this release: .

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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 *WG (prime / other):* S4 / - *rapporteur:* BARRETT, Paul Indicate persons who left Company and wait for new
freeze_meeting: gsm-25b *G: yes U:* *MCC:* USAI, Paolino One
history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

Ph1 **07** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.01 General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS)
Ph1 *current version:* 3.14.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 14 . 0 [get it](#) *remarks - general:*
remarks - this release:

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities
Ph1 *current version:* 3.8.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 8 . 0 [get it](#) *remarks - general:*
remarks - this release: #2: 3.8.0

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities
Ph1 *current version:* 3.4.0 *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: gsm-25b *G: yes U:* *MCC:* BOSWARTHICK, David
history (event, available, version,
ETSI publication 01/01/1995 3 . 4 . 0 [get it](#) *remarks - general:*
remarks - this release: #5: 3.4.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

Ph1 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.01 General Aspects on the BSS-MSC Interface

Ph1 current version: 3.0.1
freeze_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 1

[get it](#) remarks - general:
remarks - this release: .

TS 08.02 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface - Interface Principles

Ph1 current version: 3.3.1
freeze_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 3 . 1

[get it](#) remarks - general:
remarks - this release: .

TS 08.04 Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface Layer 1 Specification

Ph1 current version: 3.0.3
freeze_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 0 . 3

[get it](#) remarks - general:
remarks - this release: .

TS 08.06 Signalling Transport Mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS-MSC) Interface

Ph1 current version: 3.5.2
freeze_meeting: gsm-25b

WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
Peter Skov
G: yes U: MCC: THOMASEN, Gert

history (event, available, version,
ETSI publication 01/01/1995 3 . 5 . 2

[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	<i>current version:</i> 3.10.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i>			
	ETSI publication 01/01/1995 3 . 10 . 1	get it	<i>remarks - this release:</i> .			
<hr/>						
TS 08.20	Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface					
Ph1	<i>current version:</i> 3.1.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> RÄSÄNEN, Juha	NOKIA Corporation		
	<i>freeze_meeting:</i> gsm-25b		<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>	<i>G:</i> yes <i>U:</i>				
	ETSI publication 01/01/1995 3 . 1 . 2	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
<hr/>						
TS 08.51	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface General Aspects					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<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 08.52	Base Station Controller - Base Tranceiver Station (BSC-BTS) Interface - Interface Principles					
Ph1	<i>current version:</i> 3.0.2	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<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 08.54	BSC-BTS Layer 1; Structure of Physical Circuits					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S		
	<i>freeze_meeting:</i> gsm-25b		Peter Skov			
		<i>G:</i> yes <i>U:</i>	<i>MCC:</i> THOMASEN, Gert			
	<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> .			

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ACTIVE specs Ph1 08 .- series
Server http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.56	BSC-BTS Layer 2; Specification				
Ph1	<i>current version:</i> 3.1.1	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	ETSI publication 01/01/1995 3 . 1 . 1	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 08.58	Base Station Controller - Base Transceiver Station (BCS-BTS) Interface Layer 3 Specification				
Ph1	<i>current version:</i> 3.6.0	<i>WG (prime / other):</i> G2 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> THOMASEN, Gert		
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - this release:</i> #10: 3.6.0		
	smg-10 01/01/1995 3 . 6 . 0	get it			
<hr/>					
TS 08.59	BSC-BTS O&M Signalling Transport				
Ph1	<i>current version:</i> 3.1.0	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> gsm-25b	<i>G: yes U:</i>	USAI, Paolino		
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995 3 . 1 . 0		<i>remarks - this release:</i> .		
<hr/>					
TS 08.60	In-band control of remote transcoders and rate adaptors for Enhanced Full Rate (EFR) and full rate traffic channels				
Ph1	<i>current version:</i> 3.3.1	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> ANDERSEN, Niels	MOTOROLA A/S	
	<i>freeze_meeting:</i> gsm-25b		Peter Skov		
	<i>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> USAI, Paolino		
	ETSI publication 01/01/1995 3 . 3 . 1	get it	<i>remarks - general:</i> 2002-01-30 (GP chair, G1 secretary, G2 secretary) Ownership change G2 -> G1.		
			<i>remarks - this release:</i> .		

Ph1

09 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

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Server ACTIVE specs Ph1 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.01	General Network Interworking Scenarios					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i>			
<hr/>						
TS 09.02	Mobile Application Part (MAP) Specification					
Ph1	<i>current version:</i> 3.11.0	<i>WG (prime / other):</i> N4 / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> KYMALAINEN, Kimmo			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 0	get it	<i>remarks - general:</i> CN->N4 Apr00 (JMM)			
	ETSI publication 01/01/1995 3 . 11 . 0	get it	<i>remarks - this release:</i>			
<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	<i>current version:</i> Network (PLMN)	3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David		
	ETSI Secretariat					
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i>			
<hr/>						
TS 09.04	Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)					
Ph1	<i>current version:</i> 3.0.1	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 0 . 1	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i>			
<hr/>						
TS 09.05	Interworking between the PLMN and the PSPDN for PAD Access					
Ph1	<i>current version:</i> 3.2.2	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat		
	<i>freeze_meeting:</i> gsm-25b	G: yes U:	<i>MCC:</i> BOSWARTHICK, David			
	<i>history (event, available, version,</i>					
	ETSI publication 01/01/1995 3 . 2 . 2	get it	<i>remarks - general:</i> N3: "no R99 needed".			
			<i>remarks - this release:</i>			

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Server ACTIVE specs Ph1 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.07	General Requirements on Interworking between the Public Land Mobile Network (PLMN) and the Intergrated Services Digital Network (ISDN) or Public Switched Telephone								
Ph1	<i>current version:</i> Network (PSTN)	3.10.0	<i>WG (prime / other):</i>	N3	/-	<i>rapporteur:</i>	KLEHN, Norbert		
SIEMENS AG									
	<i>freeze_meeting:</i> gsm-25b		G: yes	U:		<i>MCC:</i>	BOSWARTHICK, David		
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 10 . 0				get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> #5: 3.8.0 #9: 3.9.0 #14: 3.10.0		
<hr/>									
TS 09.09	Detailed Signalling Interworking within the PLMN and with the PSTN/ISDN								
Ph1	<i>current version:</i> 1.0.0	DRAFT	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	VAINIKKA, Jari	NOKIA Corporation	
	<i>freeze_meeting:</i> gsm-25b		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	First complete 01/01/1992	1 . 0 . 0				get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		
<hr/>									
TS 09.10	Information Element Mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MCS) Signalling								
Ph1	<i>current version:</i> Procedures and the Mobile Application Part (MAP)	3.0.2	<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	KYMALAINEN, Kimmo		
TeliaSonera AB									
	<i>freeze_meeting:</i> gsm-25b		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 0 . 0				get it	<i>remarks - general:</i>		
	ETSI publication 01/01/1995	3 . 0 . 2				get it	<i>remarks - this release:</i> .		
<hr/>									
TS 09.11	Signalling Interworking for Supplementary Services								
Ph1	<i>current version:</i> 3.0.1		<i>WG (prime / other):</i>	N4	/-	<i>rapporteur:</i>	WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> gsm-25b		G: yes	U:		<i>MCC:</i>	KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>								
	ETSI publication 01/01/1995	3 . 0 . 1				get it	<i>remarks - general:</i>		
							<i>remarks - this release:</i> .		

Ph1 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

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Server ACTIVE specs Ph1 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.30 Mobile Services Switching Centre

Ph1 *current version:* 3.2.1
freeze_meeting: gsm-25b
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: gsm-25b
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: gsm-25b
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: gsm-25b
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: gsm-25b
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: gsm-25b
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: gsm-25b
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: gsm-25b
history (event, available, version,

WG (prime / other): MSG / - *rapporteur:* FREEMAN, David MOTOROLA
G: yes U: *MCC:* GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: #4: 1.0.0 #4b: 3.0.0 #8: Ed1 #12: Ed2 (v3.1.0)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server ACTIVE specs Ph1 TB .- series
http://www.3gpp.org/ftp/Specs/archive/TB_series

TS TBR 9 Attachment Requirements for GSM Terminal Equipment (Telephony)

Ph1 *current version:* none
freeze_meeting: gsm-25b
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

<?>

<?> 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.234 (reserved for future WLAN l/w stage 1)	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One
<?> <i>current version:</i> none	<i>G:</i> U: yes	<i>MCC:</i> YOON, Sang-Ui	
<i>freeze_meeting:</i>			
<i>history (event, available, version,</i>			
		<i>remarks - general:</i> Withdrawn: see conclusions (clause 7,3) of 22.934.	
		<i>remarks - this release:</i> .	

<?> 34 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/34_series

TR 34.801 (reserved for T1 RF group)	<i>WG (prime / other):</i> T1 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One
<?> <i>current version:</i> none	<i>G:</i> U: yes	<i>MCC:</i> SALMERON, Lidia	
<i>freeze_meeting:</i>			
<i>history (event, available, version,</i>			
		<i>remarks - general:</i> 2002-09-16: -> 34.901.	
		<i>remarks - this release:</i> .	

Rel-6

Rel-6 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

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Server WITHDRAWN specs Rel-6 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.246	Multimedia Broadcast/Multicast Service (MBMS); Stage 2								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> JARVIS, Andre	3				
	<i>freeze_meeting:</i> SP-22		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	S2-27 14/11/2002	0 . 1 . 0		get it	<i>remarks - general:</i> Note that stage 1 is 22.146. Meanwhile, stage 2 scenarios are worked on in				
	S2-28	0 . 2 . 0			<i>remarks - this release:</i> .				
	draft 18/12/2002	0 . 2 . 1		get it					
	S2-29 24/02/2003	0 . 3 . 0		get it					
	draft	0 . 4 . 0							
					SP-19: was to have been SP-030128 but never presented (withdrawn unseen from mtg)				
TS 23.340	(reserved for:" IP Multimedia Subsystem (IMS) messaging; Stage 2")								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>				
					<i>remarks - this release:</i> .				
TR 23.876	Push architecture								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> YOON, Sang-Ui	KT ICOM				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	S2-29	0 . 0 . 0			<i>remarks - general:</i> 2003-02-04: -> 23.976				
	S2-29 03/02/2003	0 . 0 . 1		get it	<i>remarks - this release:</i> 2003-02-04: -> 23.976				
TR 23.964	Commonality and interoperability between IP Multimedia System (IMS) core networks								
Rel-6	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> BERTENYI, Balazs	NOKIA Corporation				
	<i>freeze_meeting:</i>		G: U: yes	<i>MCC:</i> YOON, Sang-Ui					
	<i>history (event, available, version,</i>								
	S2-29 03/02/2003	0 . 3 . 1		get it	<i>remarks - general:</i> 2003-02-03: Renumbered to 23.864.				
					<i>remarks - this release:</i> 2003-02-03: Renumbered to 23.864.				

Rel-6 **27** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 27 .- series
http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.150 (Reserved for: "Telecommunication management; User Equipment Management (UEM); UEM protocol specification; Stage 3")
Rel-6 *current version: none* WG (prime / other): T2 / - rapporteur: MUDGE, John VODAFONE Group Plc
freeze_meeting: G: U: yes MCC: RODERMUND, Friedhelm
history (event, available, version,
remarks - general: Justification: see SP-020608. Stages 1 & 2: 32.150. Provisional
remarks - this release: provisional TP-18: rapporteur not confirmed.

Rel-6 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace
Rel-6 *current version: none* WG (prime / other): S5 / NP rapporteur: RONKA, Kari NOKIA Corporation
freeze_meeting: G: U: yes MCC: ZOICAS, Adrian
history (event, available, version,
remarks - general: 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
remarks - this release: SP-05: Left overs from Rel-5. 2002-04-29: source Christian Toche - will not be 32..42x
and 52.008.
published. Replace with 32.411, 32..42x and 52.008.

Rel-6 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.910 3G Security; Network Domain Security / Authentication Framework (NDS/AF); Feasibility Study to support NDS/IP evolution
Rel-6 *current version: none* WG (prime / other): S3 / rapporteur: N, A Indicate persons who left Company and wait for new
freeze_meeting: G: U: yes MCC: POPE, Maurice One
history (event, available, version,
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

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 41 .- series
http://www.3gpp.org/ftp/Specs/archive/41_series

TR 41.811 Uplink - Time Difference Of Arrival (U-TDOA) in GSM and GPRS

Rel-6 *current version: none*
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): G1 / *rapporteur:* GROSS, Robert
G: yes U: *MCC:* USAI, Paolino

TruePosition Inc.

remarks - general: Renumbered to 45.811.
remarks - this release: Renumbered to 45.811.

Rel-6 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.019 Subscriber Identity Module Application Programming Interface (SIM API); Stage 1

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): T3 / - *rapporteur:* DIETRICH, Christian
G: yes U: *MCC:* DIETZE, Claus

SchlumbergerSema - Schlumberger Systèmes S.A

remarks - general: TP-17: From Rel-6, transferred to ETSI TS 102 240.
remarks - this release: TP-17: Technical contents transferred to ETSI SCP. Replaced by ETSI TS 102

Rel-6 **45** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/45_series

TS 45.202 reserved for radio spec "Flexible layer 1" based on 45.902

Rel-6 *current version: none*
freeze_meeting:
history (event, available, version,

WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Benoist
G: yes U: *MCC:* USAI, Paolino

NOKIA Corporation

remarks - general:
remarks - this release: .

Rel-6 **49** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-6 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
Rel-6 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-5

Rel-5 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.141 Presence service; Stage 1
Rel-5 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* WOHLERT, Randolph SBC Communications Inc.
freeze_meeting: SP-15 G: U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-12 27/06/2001 1 . 0 . 0 SP-010364 (replaces SP-010265) [get it](#) *remarks - general:*
SP-13 01/10/2001 2 . 0 . 0 SP-010444 [get it](#) *remarks - this release:* SP-16: moved to Rel-6
SP-13 05/10/2001 5 . 0 . 0 [get it](#)
SP-14 10/01/2002 5 . 1 . 0 [get it](#)
SP-15 28/03/2002 5 . 2 . 0 TP-16: moved to Rel-6 [get it](#)

TS 22.146 Multimedia Broadcast/Multicast Service (MBMS); Stage 1
Rel-5 *current version:* none *WG (prime / other):* S1 / *rapporteur:* JARVIS, Andre 3
freeze_meeting: SP-15 G: U: yes *MCC:* CLAYTON, Michael
history (event, available, version,
SP-13 01/10/2001 2 . 0 . 0 SP-010443 [get it](#) *remarks - general:* Replaces 22.946. Note that stage 2 is 23.246.
SP-13 05/10/2001 5 . 0 . 0 [get it](#) *remarks - this release:* SP-15: To be a Rel-6 service, not Rel-5. SP-16 formally withdrw Rel-5.
SP-14 10/01/2002 5 . 1 . 0 [get it](#)
SP-15 28/03/2002 5 . 2 . 0 SP-16: withdrawn. [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

Rel-5 **23** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes *U:* yes *MCC:* KYMALAINEN, Kimmo

remarks - general: Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
remarks - this release: SP-16: ->43.073 since applies to GERAN systems only.

TS 23.121 Architectural requirements for Release 1999

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
SP-09 5 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* DANIEL, Elizabeth Lucent Technologies Network Systems UK
G: yes *U:* yes *MCC:* YOON, Sang-Ui

remarks - general:
remarks - this release: Oct00: CRs were approved by accident, it seems. Intention was to create 23.221 v5.0.0 rather than a Rel-5 of this spec. CR will be retrospectively withdrawn.

TS 23.174 Push service; stage 2

Rel-5 *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): S2 / *rapporteur:* WOLAK, Stephen VODAFONE Group Plc
G: *U:* yes *MCC:* YOON, Sang-Ui

remarks - general: Rapporteur: "note that there are currently no plans for a Push stage 2 but it is
remarks - this release: SP-17: Rel-5 -> Rel-6 to accord with stage 1. good to reserve the number just in

case ...".

TS 23.178 Customised Applications for Mobile network Enhanced Logic (CAMEL) - IP Multimedia System (IMS) interworking; Stage 2

Rel-5 *current version:* none
freeze_meeting: NP-15
history (event, available, version,

WG (prime / other): N2 / - *rapporteur:* HOMANN, Christian ALCATEL SEL AG
G: yes *U:* yes *MCC:* JURISIC, Andrijana

remarks - general: 2001-10-26: renumbered to 23.278.
remarks - this release: 2001-10-26: renumbered to 23.278.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

Rel-5 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.241 3GPP Generic User Profile (GUP) requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none *WG (prime / other):* T2 / *rapporteur:* HOLOUBEK, Kevin J. Motorola Inc.
freeze_meeting: TP-16 *G:* *U:* yes *MCC:* RODERMUND, Friedhelm
history (event, available, version,

remarks - general: Cf work item 'Generic user profile' - may be renumbered to 27.241
remarks - this release: 2002-05-29 (jmm): Since stage 2 is moved to Rel-6, so should the stage 3 be.

Rel-5 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.855 High Speed Downlink Packet Access (HSDPA); Overall UTRAN description

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* KUCHIBHOTLA, Ravi MOTOROLA Ltd
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,

RP-12 19/06/2001 1 . 0 . 0 RP-010345
RP-13 01/10/2001 2 . 0 . 0 RP-010562
RP-13 02/10/2001 5 . 0 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* RP-13: This TR has been replaced by TS 25.308.
[get it](#)

TR 25.861 RNC - SMLC location protocol

Rel-5 *current version:* none *WG (prime / other):* R2 / *rapporteur:* MIKOLA, Juha NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* ARZELIER, Claude
history (event, available, version,

remarks - general: RP-15: abandoned in favour of directly writing the stage 3 spec.
remarks - this release: RP-15: abandoned in favour of directly writing the stage 3 spec.

TR 25.885 UMTS 1800 / 1900 MHz work items report

Rel-5 *current version:* none *WG (prime / other):* R4 / *rapporteur:* NUMMINEN, Jussi NOKIA Corporation
freeze_meeting: RP-15 *G:* *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

RP-13 01/10/2001 1 . 0 . 0 RP-010672. RP-17: withdrawn. [get it](#) *remarks - general:* RP-17: withdrawn. RP-18 unwithdrawn.
remarks - this release: RP-17: withdrawn.

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 25.886 Small technical enhancements and improvements work item

Rel-5 *current version: none*
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R4 / rapporteur:
G: U: yes MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: RP-17: withdrawn.

TR 25.887 Beamforming

Rel-5 *current version: none*
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R1 / - rapporteur: KAHTAVA, Jussi Nokia Japan Co. Ltd
G: U: yes MCC: SASAKI, Tsukasa

remarks - general:
remarks - this release: RP-15: Deferred to Rel-6.

R1-22 0 . 0 . 1 R1-011342
RP-14 07/12/2001 1 . 0 . 0 RP-010800

[get it](#)

TR 25.888 Improvement of inter frequency and inter system measurement for 1,28 Mcps TDD

Rel-5 *current version: none*
freeze_meeting: RP-16
history (event, available, version,

WG (prime / other): R1 / - rapporteur: LI, Xiaoqiang SAMSUNG Electronics Research Institute
G: U: yes MCC: SASAKI, Tsukasa

remarks - general:
remarks - this release: -> Rel-6

RP-17 24/09/2002 1 . 0 . 0 RP-020508

[get it](#)

TR 25.951 Base Station classification (FDD)

Rel-5 *current version: none*
freeze_meeting: RP-16

WG (prime / other): R4 / - rapporteur: SÄYNNÄJÄKANGAS, NOKIA Corporation
G: U: yes MCC: Tuomo GUTIERREZ MIGUELEZ, Cesar

remarks - general:
remarks - this release: 2002-01-24: Gutierrez: moved from Rel-4. RP-19: to Rel-6.

history (event, available, version,
RP-13 01/10/2001 1 . 1 . 0 moved from Rel-4

[get it](#)

Rel-5 **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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WITHDRAWN specs Rel-5 27 .- series
Server http://www.3gpp.org/ftp/Specs/archive/27_series

TS 27.104 vObjects and other constructs for data synchronization

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version,
TP-10 05/01/2001 0 . 1 . 1 SP-000657

WG (prime / other): T2 / - *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TP-14: may be merged with 24.241. 2003-01-31: T2 Secretary confirmst that this
remarks - this release: TSG#11:Rel4->Rel5. 2003-01-31: T2 Secretary confirmst that this spec is spec is

scrapped.

TS 27.226 Global Text telephony (GTT);Terminal aspects

Rel-5 *current version:* none
freeze_meeting: TP-15
history (event, available, version,

WG (prime / other): T2 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* RODERMUND, Friedhelm

remarks - general: SP-16: to "GERAN" set.
remarks - this release: WI approved TSG#7. WG Secretary 2001-08-30: No need for any terminal spec for this application; so stopped.

TS 27.241 3GPP generic user profile requirements; Stage 3; Access; Common objects

Rel-5 *current version:* none
freeze_meeting: TP-16
history (event, available, version,

WG (prime / other): T2 / *rapporteur:* LOCKHART, Rob Motorola Inc.
G: *U:* yes *MCC:* RODERMUND, Friedhelm

remarks - general: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.
remarks - this release: 2003-01-31: T2 Secretary confirmst that this spec is scrapped.

Rel-5 29 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.162 Interworking between the IM CN subsystem and IP networks

Rel-5 *current version:* none
freeze_meeting: NP-16
history (event, available, version,
draft 01/06/2001 0 . 1 . 0
draft 08/11/2001 0 . 3 . 0
draft 14/01/2002 0 . 4 . 0
draft 18/02/2002 0 . 6 . 1
NP-15 19/03/2002 1 . 0 . 0 NP-020076

WG (prime / other): N3 / *rapporteur:* HOLLAND, Nigel mmO2 plc
G: yes *U:* yes *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* NP-19: to Rel-6
[get it](#)
[get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.163 Interworking between the IM CN subsystem and CS networks

Rel-5 *current version:* none *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.
N3-010210
N3-18 0 . 2 . 0 N3-010312, N3-010315
N3-19 09/11/2001 0 . 3 . 0 N3-010462, N3-010427 [get it](#)
NP-14 02/01/2002 1 . 0 . 0 NP-010565 [get it](#)
NP-15 18/02/2002 1 . 2 . 0 NP-020077 [get it](#)

TS 29.198-04 Open Service Access (OSA) Application Programming Interface (API); Part 4: Call control

Rel-5 *current version:* none *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:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian One

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:* N, A Indicate persons who left Company and wait for new
freeze_meeting: NP-15 *G:* U: yes *MCC:* ZOICAS, Adrian One

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	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> YOUNG, Michael	MOTOROLA Ltd	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> superseded by 29.903		
			<i>remarks - this release:</i> . TSG#11:creation; superseded by 29.903		
<hr/>					
TS 29.226	reserved				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> VACANT,		
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> WI approved TSG#7		
<hr/>					
TS 29.240	Generic User Profile (GUP); Stage 3; Network				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N4 /	<i>rapporteur:</i> KYMALAINEN, Kimmo	TeliaSonera AB	
	<i>freeze_meeting:</i> NP-16	G: U: yes	<i>MCC:</i> KYMALAINEN, Kimmo		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Cf work item 'Generic user profile' - may be renumbered to 27.241		
			<i>remarks - this release:</i> 2002-03-05: Delayed to Rel-6.		
<hr/>					
TR 29.993	Modifications to be incorporated in equipment to cater for errors in the standards				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> RP / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.	
	<i>freeze_meeting:</i> tbd	G: yes U: yes	<i>MCC:</i> GUTIERREZ MIGUELEZ, Cesar		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> RP-19: stopped.		
			<i>remarks - this release:</i> .		
<hr/>					
TR 29.998-04-	Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 2: INAP				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> N5 /	<i>rapporteur:</i> UNMEHOPA, Musa	Lucent Technologies Nederland B.V.	
	<i>freeze_meeting:</i> NP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> 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

TR 29.998-04- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 4: Call Control Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-15 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 2: INAP mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

TR 29.998-05- Open Service Access (OSA) Application Programming Interface (API) Mapping for Open Service Access; Part 5: User Interaction Service Mapping; Subpart 3: MEGACO mapping

Rel-5 *current version:* none *WG (prime / other):* N5 / *rapporteur:* UNMEHOPA, Musa Lucent Technologies Nederland B.V.
freeze_meeting: NP-16 *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,

remarks - general:
remarks - this release: 2003-01-15: abandoned by N5

Rel-5 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-5 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: SP-15 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version,
NP-18 07/01/2003 5 . 0 . 0 NP-19: renumbered to 30.902. [get it](#)

remarks - general: NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
remarks - this release: NP-18: Evidently Rel-5 is indeed required! studies.

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

Rel-5 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TS 31.115 Secured packet structure for (U)SIM Toolkit applications

Rel-5 *current version: none*
freeze_meeting: TP-16
history (event, available, version,
TP-15 19/03/2002 0 . 0 . 2 TP-020031
TP-15 19/03/2002 1 . 0 . 0 TP-020075

WG (prime / other): T3 / - *rapporteur: VIALLET, Sophie* GEMPLUS Card International
G: U: yes *MCC: DIETZE, Claus*

[get it](#) *remarks - general:* additional rapporteur: Florence Martin.
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.116 Remote APDU Structure for (U)SIM Toolkit applications

Rel-5 *current version: none*
freeze_meeting: TP-16
history (event, available, version,
TP-15 19/03/2002 0 . 1 . 0 TP-020032
TP-15 19/03/2002 1 . 0 . 0 TP-020076

WG (prime / other): T3 / - *rapporteur: VIALLET, Sophie* GEMPLUS Card International
G: yes U: yes *MCC: DIETZE, Claus*

[get it](#) *remarks - general:* additional rapporteur: Florence Martin
[get it](#) *remarks - this release:* TP-16: offered for approval as Rel-6, so scrap Rel-5.

TS 31.131 C-language binding for (U)SIM API

Rel-5 *current version: none*
freeze_meeting: TP-16
history (event, available, version,
TP-14 02/01/2002 1 . 0 . 0 TP-010249

WG (prime / other): T3 / *rapporteur: TON, Wim* ASPECTS Software Ltd
G: U: yes *MCC: DIETZE, Claus*

[get it](#) *remarks - general:* Test spec is 34.131.
remarks - this release: TP-17: Clear that the spec is Rel-6 not Rel-5.

Rel-5 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.108 Telecommunication management; Subscriber and equipment trace

Rel-5 *current version: none*
freeze_meeting: SP-16
history (event, available, version,
draft 08/11/2001 0 . 0 . 1
draft 26/02/2002 0 . 1 . 0

WG (prime / other): S5 / NP *rapporteur: RONKA, Kari* NOKIA Corporation
G: U: yes *MCC: ZOICAS, Adrian*

[get it](#) *remarks - general:* 2002-04-29: source Christian Toche - will not be published. Replace with 32.411,
[get it](#) *remarks - this release:* SP-15: Partial service only. 32..42x and 52.008.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.112	Telecommunication management; Fault Management; Alarm Integration Reference Point: Information Service				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.113	Telecommunication management; Fault Management; Alarm Integration Reference Point: CORBA solution set version 1:1				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.114	Telecommunication management; Fault Management; Alarm Integration Reference Point: CMIP solution set				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> SP-15: stopped, no draft ever having been produced.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey	TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.	
	<i>freeze_meeting:</i> SP-16	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
	draft 27/06/2001 0 . 1 . 3	get it	<i>remarks - general:</i>		
	draft 21/01/2002 0 . 5 . 4	get it	<i>remarks - this release:</i> SP-15: move to Rel-6.		
	draft 28/01/2002 0 . 5 . 5	get it			
<hr/>					
TS 32.312-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Information service				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> -> 32.112		
			<i>remarks - this release:</i> .		

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.681	Telecommunication management; Inventory management; Inventory management Integration Reference Point (IRP): Requirements				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PAL, Tapinder		T-MOBILE DEUTSCHLAND
	<i>freeze_meeting:</i> SP-17	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</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.	
<hr/>					
TR 32.801	Performance management				
Rel-5	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> KORINEK, Frank		Motorola Inc.
	<i>freeze_meeting:</i> SP-15	G: U: yes	<i>MCC:</i> ZOICAS, Adrian		
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	(Release 4/5 Building Block: OAM-PM)
				<i>remarks - this release:</i>	2001-08-27: S5 Secretary: no document to be produced.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-5 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

Rel-5 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security

Rel-5 *current version:* none
freeze_meeting: SP-15
history (event, available, version,

WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3
G: *U:* yes *MCC:* POPE, Maurice

remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
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 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes *U:* *MCC:* POPE, Maurice

history (event, available, version,
SP-16 24/06/2002 5 . 0 . 0 SP-18: withdrawn.

[get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-5 *current version:* none
freeze_meeting: SP-15

WG (prime / other): S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new One
G: yes *U:* *MCC:* POPE, Maurice

history (event, available, version,

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 49 .- series
http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults
Rel-5 *current version: none* WG (prime / other): N1 / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-5 **50** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.099 GERAN project plan and open issues
Rel-5 *current version: none* WG (prime / other): GP / - *rapporteur:* BLADSSJO, David Telefon AB LM Ericsson
freeze_meeting: GP-09 G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
GP-08 04/04/2002 0 . 0 . 14 GP-020277 [get it](#) *remarks - general:* 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as
GP-08 20/03/2002 0 . 0 . 15 GP-020515 [get it](#) *remarks - this release:* GP-08: Assume planning is for Rel-5 now (since Rel-4 is frozen). 2003-01-14: Fel-5
Rel-5. GP-12: Rel-5 frozen, so draft moved to Rel-6.
frozen, so migrated to Rel-6.
draft 20/03/2002 0 . 1 . 6 [get it](#)

Rel-5 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.011 Specification of the Subscriber Identity Module - Mobile Equipment (SIM-ME) interface
Rel-5 *current version: none* WG (prime / other): T3 / - *rapporteur:* GUTHERY, Scott B. Mobile-Mind Inc.
freeze_meeting: TP-15 G: yes U: *MCC:* DIETZE, Claus
history (event, available, version,
TP-14 17/01/2002 5 . 0 . 0 TP-16: Rel-5 version withdrawn! [get it](#) *remarks - general:* TP-14: talk of changing title to "Characteristics of the SIM application".
remarks - this release: TP-16: Rel-5 version withdrawn.

G = required in systems with GERAN acces; U = required in systems with UMTS

Rel-4

Rel-4 **22** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043	Support of Localized Service Area (SoLSA); Service description; Stage 1				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> yes <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Transfer>TSG#4		
			<i>remarks - this release:</i> TSG#11: Becomes 42.043 for Rel-4 (!).		
<hr/>					
TS 22.112	USIM toolkit interpreter; Stage 1				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> MEYER, Michael	GIESECKE & DEVRIENT GmbH	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> DIETZE, Claus		
	<i>history (event, available, version,</i>				
	TP-10 11/01/2001 1 . 0 . 0	get it	<i>remarks - general:</i>		
	TP-11 09/04/2001 4 . 0 . 0 withdrawn TP-13	get it	<i>remarks - this release:</i> TP-13: Rel-4 withdrawn, since stage 2 not ready.		
<hr/>					
TS 22.227	Service requirements for the Open Service Access (OSA)				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HELLSTROM, Gunnar	Omnitor AB	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Clayton Apr-2001: spec not required (see 22.127)		
			<i>remarks - this release:</i> .		
<hr/>					
TR 22.976	Study on PS domain services and capabilities				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CATALDO, Mark	Openwave Systems (N.I.) Ltd	
	<i>freeze_meeting:</i> SP-11	<i>G:</i> <i>U:</i> yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	SP-07 17/03/2000 1 . 0 . 0 SP-000073	get it	<i>remarks - general:</i> Created Jan-00		
	draft 09/05/2000 1 . 4 . 0	get it	<i>remarks - this release:</i> 2001-12-04: Rel4->Rel-5 (Clayton).		
	SP-08 28/06/2000 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 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

Rel-4 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.073 Support of Localised Service Area (SoLSA); Stage 2

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* KYMALAINEN, Kimmo
history (event, available, version, NP-11 04/04/2001 4 . 0 . 0 SP-16: ->43.073 since applies to [get it](#) *remarks - general:* Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
GERAN systems only. *remarks - this release:* SP-16: ->43.073 since applies to GERAN systems only.

TS 23.171 Location Services (LCS); Functional description; Stage 2 (UMTS)

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* KÅLL, Jan NOKIA Corporation
freeze_meeting: SP-11 *G:* U: yes *MCC:* YOON, Sang-Ui
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.

TS 23.207 End-to-end Quality of Service (QoS) concept and architecture

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* OYAMA, Johnson Nippon Ericsson K.K.
freeze_meeting: SP-12 *G:* yes *U:* yes *MCC:* YOON, Sang-Ui
history (event, available, version, SP-10 31/01/2001 1 . 0 . 0 SP-000594 [get it](#) *remarks - general:*
draft 01/02/2001 1 . 1 . 0 [get it](#) *remarks - this release:* SP-12: becomes Rel-5
draft 26/06/2001 1 . 7 . 3 suspicious version number! [get it](#)
SP-12 26/06/2001 2 . 0 . 0 S2-011123, SP-010337 [get it](#)

TR 23.814 Separating RR and MM specific parts of the MS Classmark

Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* YOKOTA, Fumihiko Fujitsu Limited
freeze_meeting: SP-11 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version, 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.

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> none			<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> GARAPATY, Sonia		Nortel Networks (USA)		
	<i>freeze_meeting:</i> SP-11			G: U: yes	MCC: N, A				
	<i>history (event, available, version,</i>								
	N1-06 20/08/1999	0 . 0 . 1		get it	<i>remarks - general:</i> New after TSG#5				
	N1-07 17/09/1999	0 . 0 . 2		get it	<i>remarks - this release:</i> .				
	N1-08 29/10/1999	0 . 0 . 3		get it					
	revision 15/11/1999	0 . 1 . 0		get it					
	revision 30/11/1999	0 . 1 . 1		get it					
	NP-06 17/12/1999	1 . 0 . 0		get it					
	N1-09 03/12/1999	1 . 0 . 0		get it					

TR 23.922	Architecture for an All IP network								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DANIEL, Elizabeth		Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	MCC: YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-11	4 . 0 . 0	abandoned July 2001		<i>remarks - general:</i> TSG#5: 1.0.0				
					<i>remarks - this release:</i> Sultan, Apr-2001: abandoned in early 2000. July-2001: replaced by 23,228.				

TR 23.923	Combined GSM and Mobile IP mobility handling in UMTS IP CN								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> HUBBARD, Elisabeth		TeliaSonera AB		
	<i>freeze_meeting:</i> SP-11			G: yes U: yes	MCC: YOON, Sang-Ui				
	<i>history (event, available, version,</i>								
	SP-11	4 . 0 . 0			<i>remarks - general:</i>				
					<i>remarks - this release:</i> Sultan Apr-2001: contents out of date, not appropriate for Rel-4.				

TR 23.972	Circuit switched multimedia telephony								
Rel-4	<i>current version:</i> none			<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> FARHOUMAND,		Ericsson Incorporated		
	<i>freeze_meeting:</i> SP-11			G: U: yes	Rouzbeh				
	<i>history (event, available, version,</i>				MCC: 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:* none
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 (SMSCB) Support on the Mobile Radio Interface

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
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:* N, A Indicate persons who left Company and wait for new
G: U: *MCC:* N, A
One

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:* N, A

remarks - general:
remarks - this release:

Rel-4 **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

G = required in systems with GERAN 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> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> NILSSON, Martin	Indicate persons who left Company and wait for new One	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i> -> 25.143		
	Start of work 01/08/2000 0 . 0 . 1		<i>remarks - this release:</i> Scrapped in favour of 25.143		
<hr/>					
TS 25.371	LMU signalling				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MOULY, Michel	ARGUIN Communications	
	<i>freeze_meeting:</i> SP-07	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>		<i>remarks - general:</i> Created Jan 00; wdrwn Apr00		
			<i>remarks - this release:</i> First draft: Jan2000		
<hr/>					
TR 25.835	Report on hybrid ARQ type II/III				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> SITTE, Armin	SIEMENS AG	
	<i>freeze_meeting:</i>	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> ARZELIER, Claude	
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>		
	RP-09 16/10/2000 1 . 0 . 0		<i>remarks - this release:</i> 2002-02-25 (Van der Veen): WI abandoned, so spec withdrawn.		
<hr/>					
TR 25.837	Hybrid ARQ Type II/III (lub/lur aspects)				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> BRANDT, Achim V.	SIEMENS AG	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>		
	RP-09 21/09/2000 0 . 1 . 0		<i>remarks - this release:</i> RP-15: No upgrade to Rel-5. RP-19: stopped.		
<hr/>					
TR 25.839	Uplink Synchronous Transmission Scheme (USTS) (lur/lub aspects)				
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> PARK, Jin Hyo	SK TELECOM	
	<i>freeze_meeting:</i> SP-11	<i>G:</i>	<i>U:</i> yes	<i>MCC:</i> KRAUSE, Joern	
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>		
	RP-12 05/07/2001 0 . 2 . 0 RP-010426	get it	<i>remarks - this release:</i> RP-15: No upgrade to Rel-5. RP-19: stopped.		
	RAN3 approved 01/10/2001 0 . 3 . 0 referred to at RP-13.				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.933 IP transport in UTRAN

Rel-4 *current version:* none
freeze_meeting: RP-15
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* DREVON, Nicolas ALCATEL S.A.
G: *U:* yes *MCC:* KRAUSE, Joern

draft 15/05/2000 0 . 0 . 1
R3-13 15/06/2000 0 . 1 . 0
R3-13 15/07/2000 0 . 1 . 1
RP-09 15/08/2000 0 . 2 . 0
RP-10 21/12/2000 0 . 4 . 0 RP-000644
RP-11 06/04/2001 1 . 0 . 0
RP-12 05/07/2001 1 . 1 . 0 RP-010425
RP-13 01/10/2001 1 . 4 . 0 RP-010642
draft 13/11/2001 1 . 4 . 1 to Rel-5
RP-14 06/12/2001 1 . 5 . 0 RP-010876
draft 02/01/2002 1 . 5 . 1
RP-15 19/03/2002 1 . 7 . 1 RP-020136, withdrawn
RP-15 19/03/2002 2 . 0 . 0 RP-020137

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2001-12-05: Rel-4 abandoned in favour of Rel-5 (Drevon).
[get it](#)
[get it](#)
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[get it](#)
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TR 25.938 Terminal power saving features

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,

WG (prime / other): R3 / - *rapporteur:* CHOI, Sungho Samsung Electronics Ind. Co., Ltd.
G: *U:* yes *MCC:* KRAUSE, Joern

draft 15/08/2000 0 . 0 . 1
draft 05/10/2000 0 . 1 . 0
RP-10 21/12/2000 0 . 1 . 1 RP-000654
RP-11 06/04/2001 2 . 0 . 0 R3-27: abandoned, confirmed RP-15.

[get it](#) *remarks - general:* R3-27: abandoned.
[get it](#) *remarks - this release:* RP-15: Withdrawal confirmed.
[get it](#)
[get it](#)

TR 25.951 Base Station classification (FDD)

Rel-4 *current version:* none
freeze_meeting: SP-11

WG (prime / other): R4 / - *rapporteur:* SÄYNÄJÄKANGAS, NOKIA Corporation
G: *U:* yes *MCC:* Tuomo GUTIERREZ MIGUELEZ, Cesar

history (event, available, version,
draft 21/11/2000 0 . 0 . 1
RP-10 21/12/2000 1 . 0 . 0 RP-000598
RP-13 01/10/2001 1 . 1 . 0 RP-010681

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* 2002-01-24: Gutierrez: moved to Rel-5
[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 25.952 Base Station classification (TDD)

Rel-4 *current version:* none
freeze_meeting:
history (event, available, version,
draft 21/11/2000 0 . 0 . 1
RP-10 21/12/2000 1 . 0 . 0
RP-11 10/04/2001 1 . 1 . 0

WG (prime / other): R4 / - *rapporteur:* AXNESS, Timothy INTERDIGITAL COMMUNICATIONS
G: *U:* yes *MCC:* GUTIERREZ MIGUELEZ, Cesar

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* -> Rel-5
[get it](#)

Rel-4 26 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TR 26.078 Results of the AMR noise suppression selection phase

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* USAI, Paolino Telecom Italia Lab S.p.A.
G: *U:* yes *MCC:* USAI, Paolino

remarks - general: Replaced by 26.978.
remarks - this release: Replaced by 26.978.

TS 26.226 Global text telephony (GTT); Transport of text in the voice channel

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-08 23/06/2000 0 . 0 . 0
SP-09 18/10/2000 0 . 0 . 9
draft 24/10/2000 0 . 0 . 10
SP-10 21/12/2000 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.
[get it](#) *remarks - this release:* TSG#11:withdrawn->rel-5
[get it](#)
[get it](#)

TS 26.230 Global text telephony (GTT); Cellular text telephone modem transmitter C-code description

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-10 2 . 0 . 0 SP-000750
SP-10 21/12/2000 4 . 0 . 0

WG (prime / other): S4 / - *rapporteur:* HELLSTROM, Gunnar Omnitor AB
G: yes *U:* yes *MCC:* USAI, Paolino

[get it](#) *remarks - general:* SP-16: in "GERAN" set.
remarks - this release: TSG#10:2.0.0=SP-000570(Rel-5)->Rel-4; TSG#11:withdrawn, to be Rel-5 only.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.235 Packet switched conversational multimedia applications; Default codecs

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* OJALA, Pasi Nokia Research Center
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
draft 01/10/2000 0 . 0 . 1 [get it](#) *remarks - general:*
draft 16/11/2000 0 . 0 . 2 [get it](#) *remarks - this release:* SP-12: withdrawn from Rel-4, moved to Rel-5.
SP-10 21/12/2000 1 . 0 . 0 NP-000567 [get it](#)
SP-11 10/04/2001 4 . 0 . 0 [get it](#)
SP-12 4 . 1 . 0 immediately withdrawn, becomes Rel-5

TR 26.913 Quantitative performance evaluation of real-time packet switched multimedia services over 3G

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* HONKO, Harri NOKIA Corporation
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
remarks - general:
remarks - this release: No work, will never appear as 4.0.0 (Usai, Mar 2001)

TR 26.920 Architectural Model for the 3G Transcoders

Rel-4 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-03 26/04/1999 0 . 1 . 1 [get it](#) *remarks - general:* 2000-01-22: S4 TFO group discontinues work on this report.
remarks - this release: .

Rel-4 28 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.020 Rate Adaptation on the Base Station System - Mobile Service Switching Centre (BSS-MSC) Interface

Rel-4 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-11 *G:* yes *U:* yes *MCC:* BOSWARTHICK, David
history (event, available, version,
remarks - general:
remarks - this release: 2001-11-07: Boswarthick: Not required for Rel-4.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

Rel-4 **29** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

Rel-4 *current version:* none *WG (prime / other):* RP / - *rapporteur:* COURAU, François ALCATEL S.A.
freeze_meeting: tbd *G: yes U: yes* *MCC:* GUTIERREZ MIGUELEZ, Cesar
history (event, available, version,

remarks - general: RP-19: stopped.
remarks - this release: .

Rel-4 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.002 Guidelines for the modification of the Mobile Application Part (MAP)

Rel-4 *current version:* none *WG (prime / other):* N4 / - *rapporteur:* WIEHE, Ulrich Gesellschaft für Kommunikations Software
freeze_meeting: NP-11 *G: yes U: yes* *MCC:* KYMALAINEN, Kimmo
history (event, available, version,

NP-09 08/11/2000 4 . 0 . 0 [get it](#) *remarks - general:* NP-19: renumbered to 30.902 to avoid confusion with old SMG 30.0x series UMTS
TR no. corrected 02/02/2001 4 . 0 . 1 [get it](#) *remarks - this release:* 2002-03-10: WG Chairman: Unwithdrawn. post-NP-16: No Rel-5 needed.
studies.

TR 30.801 Overall Project Plan

Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* SULTAN, Alain SOURCE COM
freeze_meeting: SP-11 *G: U: yes* *MCC:* YOON, Sang-Ui
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](#)

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 30.802	Project plan on Bearer Services and QoS						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> LOPEZ-TORRES, Oscar	T-MOBILE DEUTSCHLAND			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
<i>history (event, available, version,</i>							
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>			
	SP-09	4 . 0 . 0		<i>remarks - this release:</i> 2001-02-02: In Nov-00, mistakenly put up 30.002 v4.0.0 under this number; now removed. TSG#11: Work stopped.			
<hr/>							
TR 30.804	Project plan on GSM/UMTS Interoperation and Mobility Management						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> COURAU, François	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
<i>history (event, available, version,</i>							
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>							
TR 30.806	Project plan on Location based services						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> KÄLL, Jan	NOKIA Corporation			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
<i>history (event, available, version,</i>							
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>							
TR 30.808	Project plan on Packet Architecture and Circuit Architecture						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> DROPMANN, Ulrich	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
<i>history (event, available, version,</i>							
	SP-05 13/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> TSG#11: Work stopped.			
<hr/>							
TR 30.810	Project plan on Security						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> PUDNEY, Chris	VODAFONE Group Plc			
	<i>freeze_meeting:</i> SP-11	G: U: yes	<i>MCC:</i> YOON, Sang-Ui				
<i>history (event, available, version,</i>							
	SP-05 24/10/1999	1 . 0 . 0	get it	<i>remarks - general:</i>			
				<i>remarks - this release:</i> TSG#11: Work stopped.			

G = required in systems with GERAN 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 30.812 Project plan on Services and Service platforms

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-05 13/10/1999 1 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* SCHMERSEL, Rob
G: *U:* yes *MCC:* YOON, Sang-Ui

CELLPOINT SYSTEMS AB

[get it](#) *remarks - general:*
remarks - this release: TSG#11: Work stopped.

Rel-4 **31** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

Rel-4 *current version:* none
freeze_meeting: SP-15
history (event, available, version,
TP-15 28/03/2002 4 . 0 . 0

WG (prime / other): T3 / *rapporteur:* KALINER, Stefan
G: *U:* yes *MCC:* DIETZE, Claus

T-MOBILE DEUTSCHLAND

TP-16: withdrawn; only Rel-5 remains [get it](#) *remarks - general:*
remarks - this release: TP-16: withdrawn; only Rel-5 remains valid.

Rel-4 **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.104 3G Performance Management

Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-12

WG (prime / other): S5 / - *rapporteur:* NENNER, Karl-Heinz
G: *U:* yes *MCC:* ZOICAS, Adrian

T-MOBILE DEUTSCHLAND

[get it](#) *remarks - general:*
remarks - this release: SP-12: Split into several specs. 32.401, '402, '403.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.105	3G charging and billing; Stage 2 description								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> KOBYLARZ, Thaddeus	AT&T Corp.			
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-06 17/12/1999	0 . 0 . 1		get it	<i>remarks - general:</i>				
	SP-08 23/06/2000	0 . 0 . 2		get it	<i>remarks - this release:</i>	New at SP-06. SP-10:R99 version scrapped, will be Rel-4. SP-12: Rel-4 withdrawn.			
	SP-09 28/09/2000	0 . 0 . 3		get it					
	draft 10/10/2000	0 . 0 . 4	SP-12: Rel-4 withdrawn.	get it					

TS 32.106-1	Telecommunication management; Configuration Management (CM); Part 1: Concept and requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd			
	<i>freeze_meeting:</i> SP-11		G: U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
	SP-11 28/03/2001	4 . 0 . 0	SP-12: withdrawn.	get it	<i>remarks - general:</i>	SP-08: split into eight parts			
					<i>remarks - this release:</i>	SP-12: withdrawn. See 32.300.			

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.			

TS 32.106-3	Telecommunication management; Configuration Management (CM); Part 3: Notification Integration Reference Point; CORBA solution set version 1:1								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> TSE, Edwin	Ericsson Incorporated			
	<i>freeze_meeting:</i> SP-12		G: U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	TSG#8: split into eight parts			
					<i>remarks - this release:</i>	SP-12: withdrawn.			

TS 32.106-4	Telecommunication management; Configuration Management (CM); Part 4: Notification Integration Reference Point: CMIP Solution Set Version 1:1								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -		<i>rapporteur:</i> ZHOU, Di	SIEMENS AG			
	<i>freeze_meeting:</i> SP-12		G: U: yes		<i>MCC:</i> ZOICAS, Adrian				
	<i>history (event, available, version,</i>								
					<i>remarks - general:</i>	TSG#8: split into eight parts			
					<i>remarks - this release:</i>	SP-12: withdrawn.			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.112-1	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 1: Requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	SP-12	2 . 0 . 0					<i>remarks - general:</i>	SP-12: stopped. See 32.311.	
							<i>remarks - this release:</i>	.	
<hr/>									
TS 32.112-2	Telecommunication management; Generic Integration Reference Point (IRP) management; Part 2: Information service								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S2 /	<i>rapporteur:</i> N, A					Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	YOON, Sang-Ui			
	SP-12	2 . 0 . 0					<i>remarks - general:</i>	SP-12: stopped. See 32.312.	
							<i>remarks - this release:</i>	.	
<hr/>									
TS 32.140	Telecommunication management; Services operations management; Subscription management requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> CARYER, Geoffrey					TELECOMMUNICATIONS MANAGEMENT CONSULTANTS Ltd.
	<i>freeze_meeting:</i> NP-13								
	<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	draft 01/08/2000	0 . 1 . 0					get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	TSG#8:0.1.0 but associated WI not approved. NP-12: moved to rel-5.
<hr/>									
TS 32.301-1	Telecommunication management; Configuration Management (CM); Notification Integration Reference Point (IRP): requirements								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor					MOTOROLA Ltd
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version,</i>						get it	<i>remarks - general:</i>	Replaces 32.106 (pars). SP-12: stopped. See 32.301.
	SP-12 18/06/2001	2 . 0 . 0						<i>remarks - this release:</i>	.
<hr/>									
TS 32.301-2	Telecommunication management; Configuration Management (CM); Part 2: Notification Integration Reference Point; Information Service version 1								
Rel-4	<i>current version:</i> none		<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TSE, Edwin					Ericsson Incorporated
	<i>freeze_meeting:</i> SP-11		<i>G:</i>	<i>U:</i> yes	<i>MCC:</i>	ZOICAS, Adrian			
	<i>history (event, available, version,</i>						get it	<i>remarks - general:</i>	Replaces 32.106- 2SP-12: stopped. See 32.302.
	SP-12 18/06/2001	2 . 0 . 0						<i>remarks - this release:</i>	.

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 32.601-2	Telecommunication management; Configuration Management (CM); Part 2: Basic Configuration Management Integration Reference Point (IRP) information model
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-5 (pars) SP-12: stopped. See 32.602.
	<i>remarks - this release:</i> .

TS 32.601-3	Telecommunication management; Configuration Management (CM); Part 3: Basic Configuration Management Integration Reference Point (IRP): CORBA solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> POLLAKOWSKI, Olaf SIEMENS AG
SP-12 18/06/2001 2 . 0 . 0	G: yes U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.106-6 (pars) SP-12: stopped. See 32.603.
	<i>remarks - this release:</i> .

TS 32.601-4	Telecommunication management; Configuration Management (CM); Part 4: Basic Configuration Management Integration Reference Point (IRP) CMIP solution set
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / - <i>rapporteur:</i> TOVINGER, Thomas Telefon AB LM Ericsson
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> Replaces 32.107 (pars) SP-12: stopped. See 32.604.
	<i>remarks - this release:</i> .

TS 32.602-1	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk CM Integration Reference Point (IRP) requirements
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> N, A Indicate persons who left Company and wait for new One
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> SP-12: stopped. See 32.611.
	<i>remarks - this release:</i> .

TS 32.602-2	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): Information
Rel-4	<i>current version:</i> none
	<i>freeze_meeting:</i>
<i>history (event, available, version,</i>	<i>WG (prime / other):</i> S5 / <i>rapporteur:</i> N, A Indicate persons who left Company and wait for new One
SP-12 18/06/2001 2 . 0 . 0	G: U: yes <i>MCC:</i> ZOICAS, Adrian
	get it <i>remarks - general:</i> SP-12: stopped. See 32.612.
	<i>remarks - this release:</i> .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.602-3	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CORBA			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> BONNEAU, Frédéric	NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	SP-12: stopped. See 32.613.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.602-4	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): CMIP			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 /	<i>rapporteur:</i> POLLAKOWSKI, Olaf	SIEMENS AG
	<i>freeze_meeting:</i>	G: U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	SP-12: stopped. See 32.614.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.602-5	Telecommunication management; Configuration Management (CM); Configuration Management: Bulk Configuration Management Integration Reference Point (IRP): XML file			
Rel-4	<i>current version:</i> format definition	none	<i>WG (prime / other):</i> S5	<i>rapporteur:</i> N, A
Company and wait for new				Indicate persons who left
	<i>freeze_meeting:</i>	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>	SP-12: stopped. See 32.615.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-1	Telecommunication management; Configuration Management (CM); Part 1: Generic network resources Integration Reference Point (IRP): requirements			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> PIRT, Trevor	MOTOROLA Ltd
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106 (pars).SP-12: stopped. See 32.621.
			<i>remarks - this release:</i>	.
<hr/>				
TS 32.620-2	Telecommunication management; Configuration Management (CM); Part 2: Generic network resources Integration Reference Point (IRP): NRM			
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S5 / -	<i>rapporteur:</i> TOVINGER, Thomas	Telefon AB LM Ericsson
	<i>freeze_meeting:</i>	G: yes U: yes	<i>MCC:</i>	ZOICAS, Adrian
<i>history (event, available, version,</i>	SP-12 18/06/2001 2 . 0 . 0	get it	<i>remarks - general:</i>	Replaces 32.106-5 (pars)SP-12: stopped. See 32.622.
			<i>remarks - this release:</i>	.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.620-3 Telecommunication management; Configuration Management (CM); Part 3: Generic network resources Integration Reference Point (IRP): CORBA solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.623.
remarks - this release: .

TS 32.620-4 Telecommunication management; Configuration Management (CM); Part 4: Generic network resources: Integration Reference Point (IRP) CMIP solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.624.
remarks - this release: .

TS 32.621-1 Telecommunication management; Configuration Management (CM); Part 1: Core network resources Integration Reference Point (IRP): requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.631.
remarks - this release: .

TS 32.621-2 Telecommunication management; Configuration Management (CM); Core Network Resources Integration Reference Point (IRP): NRM
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.632.
remarks - this release: .

TS 32.621-3 Telecommunication management; Configuration Management (CM); Part 3: Core network resources Integration Reference Point (IRP): CORBA solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.633.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.621-4 Telecommunication management; Configuration Management (CM); Part 4: Core network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.634.
remarks - this release: .

TS 32.622-1 Telecommunication management; Configuration Management (CM); Part 1: UTRAN network resources Integration Reference Point (IRP): requirements

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.641.
remarks - this release: .

TS 32.622-2 Telecommunication management; Configuration Management (CM); Part 2: UTRAN network resources Integration Reference Point (IRP): NRM

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.642.
remarks - this release: .

TS 32.622-3 Telecommunication management; Configuration Management (CM); Part 3: UTRAN network resources Integration Reference Point (IRP): CORBA solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.643.
remarks - this release: .

TS 32.622-4 Telecommunication management; Configuration Management (CM); Part 4: UTRAN network resources Integration Reference Point (IRP): CMIP solution set

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0
[get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.644.
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 32 .- series
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TS 32.623-1 Telecommunication management; Configuration Management (CM); Part 1: GERAN network resources Integration Reference Point (IRP): requirements
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* PIRT, Trevor MOTOROLA Ltd
freeze_meeting: *G:* yes *U:* yes *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106 (pars).SP-12: stopped. See 32.651.
remarks - this release: .

TS 32.623-2 Telecommunication management; Configuration Management (CM); Part 2: GERAN network resources Integration Reference Point (IRP): NRM
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-5 (pars) SP-12: stopped. See 32.652.
remarks - this release: .

TS 32.623-3 Telecommunication management; Configuration Management (CM); Part 3: GERAN network resources Integration Reference Point (IRP): CORBA solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* POLLAKOWSKI, Olaf SIEMENS AG
freeze_meeting: *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.106-6 (pars) SP-12: stopped. See 32.653.
remarks - this release: .

TS 32.623-4 Telecommunication management; Configuration Management (CM); Part 4: GERAN network resources Integration Reference Point (IRP): CMIP solution set
Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: *G:* yes *U:* *MCC:* ZOICAS, Adrian
history (event, available, version,
SP-12 18/06/2001 2 . 0 . 0 [get it](#) *remarks - general:* Replaces 32.107 (pars) SP-12: stopped. See 32.654.
remarks - this release: .

Rel-4 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.800 Principles for Network Domain Security
Rel-4 *current version:* none
freeze_meeting:
history (event, available, version, draft) 0 . 3 . 5
WG (prime / other): S3 / - *rapporteur:* ESCOTT, Adrian 3
G: *U:* yes *MCC:* POPE, Maurice
remarks - general: 2002-06-26: Item abandoned, since seems unlikely any more work will be done on
remarks - this release: v0.3.5 not fit for public gaze. 2002-06-26: Item abandoned, since seems unlikely any more work will be done on it.

TR 33.900 Guide to 3G security
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, draft)
WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: *U:* yes *MCC:* POPE, Maurice
remarks - general:
remarks - this release:

TR 33.904 Report on the Evaluation of 3GPP Standard Confidentiality and Integrity Algorithms
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, draft) 2 . 0 . 0 only available as
http://www.3gpp.org/TB/other/algorithms/KASUMI_Eval_rep_v20.pdf
WG (prime / other): S3 / SAG E *rapporteur:* VACANT,
G: *U:* yes *MCC:* POPE, Maurice
remarks - general: Source: ETSI SAGE.
remarks - this release: SP-15: Not to be promoted to Rel-5. In fact, replaced by 33.908.

Rel-4 **41** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/41_series

TS 41.001 GSM Specification set
Rel-4 *current version:* none
freeze_meeting: SP-11
history (event, available, version, SP-10 03/12/2000) 1 . 0 . 0
WG (prime / other): SP / - *rapporteur:* MEREDITH, John M ETSI Secretariat
G: yes *U:* *MCC:* POPE, Maurice
[get it](#) *remarks - general:* ->41.102, renumbered at TSG#10.
remarks - this release: ->41.102

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 42 .- series
http://www.3gpp.org/ftp/Specs/archive/42_series

Rel-4 **42** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/42_series

TS 42.031 Fraud Information Gathering System (FIGS); Service description; Stage 1

Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 SP-18: withdrawn. [get it](#) *remarks - general:* SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.
remarks - this release: SP-18: decided FIGS is joint GERAN/UTRAN so -> 22.031.

TS 42.032 Immediate Service Termination (IST); Service description; Stage 1

Rel-4 *current version:* none *WG (prime / other):* S3 / *rapporteur:* WRIGHT, Tim Indicate persons who left Company and wait for new
freeze_meeting: SP-11 *G: yes U:* *MCC:* POPE, Maurice One
history (event, available, version,
SP-11 10/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* SP-16: withdrawn in favour of 22.032.
remarks - this release: SP-16: withdrawn in favour of 22.032.

TS 42.048 Security mechanisms for the SIM Application Toolkit; Stage 1

Rel-4 *current version:* none *WG (prime / other):* T3 / S3 *rapporteur:* BARNES, Nigel MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* DIETZE, Claus
history (event, available, version,
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:

Rel-4 **43** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/43_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 43 .- series
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TS 43.031	Fraud Information Gathering System (FIGS); Service description; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>history (event, available, version, SP-11 10/04/2001 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> POPE, Maurice						
	SP-18: withdrawn.	get it	<i>remarks - general:</i> SP-18: decided FIGS is joint GERAN/UTRAN so 03.31 R99 and 43.031 Rel-4 &						
			<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. Rel-5 -> 23.031.						
TS 43.035	Immediate Service Termination (IST); Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>history (event, available, version, SP-11 10/04/2001 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> POPE, Maurice						
	SP-15 26/03/2002 4 . 1 . 0	get it	<i>remarks - general:</i> SP-16: withdrawn in favour of 23.035.						
		get it	<i>remarks - this release:</i> SP-16: withdrawn in favour of 23.035.						
TS 43.046	Technical Realization of Facsimile Group 3 Service - non transparent								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>history (event, available, version, post-NP-14 23/01/2002 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> BOSWARTHICK, David						
	2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.	get it	<i>remarks - general:</i> 2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.						
			<i>remarks - this release:</i> .2002-01-23: Boswarthick: created in error; non-transparent fax ceases with R99.						
TS 43.048	Security Mechanisms for SIM Toolkit Application; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> T3 / -	<i>rapporteur:</i> BARNES, Nigel	MOTOROLA Ltd					
	<i>history (event, available, version, TP-11 09/04/2001 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> DIETZE, Claus						
	withdrawn at TP-12	get it	<i>remarks - general:</i> TP-12: replaced by 23.048.						
			<i>remarks - this release:</i> TP-12: replaced by 23.048.						
TS 43.051	GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2								
Rel-4	<i>current version:</i> none <i>freeze_meeting:</i> SP-11	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> SÉBIRE, Guillaume	NOKIA Corporation					
	<i>history (event, available, version, GP-02 05/01/2001 4 . 0 . 0</i>	G: yes U:	<i>MCC:</i> USAI, Paolino						
	GP-08: withdrawn	get it	<i>remarks - general:</i> Originally created as 03.51r00						
			<i>remarks - this release:</i> Created after TSG#8. GP-08: withdrawn						

G = required in systems with GERAN acces; U = required in systems with UMTS

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TS 43.063 Packet Data on Signalling channels service (PDS) Service description, Stage 2
Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 [get it](#) *remarks - general:* 2002-02-26: Hietalahti: stage 1 work not continued beyond R99, so proposes to
remarks - this release: 2002-02: Jorgensen: Not to be propagated to Rel-5. 2002-02-26: Hietalahti: stage 1
withdraw.
work not continued beyond R99, so proposes to withdraw.

TS 43.071 Location Services (LCS); Functional description; Stage 2 (GSM)
Rel-4 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* BROOK, Richard SAMSUNG Electronics Research Institute
freeze_meeting: SP-11 *G: yes U:* *MCC:* YOON, Sang-Ui
history (event, available, version,
SP-11 4 . 0 . 0 *remarks - general:* Superseded by 23.271 Rel-4.
remarks - this release: Superseded by 23.271 Rel-4.

Rel-4 44 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/44_series

TS 44.008 Mobile radio interface layer 3 specification
Rel-4 *current version:* none *WG (prime / other):* N1 / G2 *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-11 11/04/2001 4 . 0 . 0 withdrawn NP-15 [get it](#) *remarks - general:*
remarks - this release: withdrawn at NP-15.

TS 44.063 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3
Rel-4 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
freeze_meeting: SP-11 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
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 Telecom Italia Lab S.p.A.
freeze_meeting: SP-11 G: yes U: MCC: USAI, Paolino
history (event, available, version,

remarks - general: -> 28.062
remarks - this release: -> 28.062

Rel-4 **49** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/49_series

TR 49.994 Recommended infrastructure measures to overcome specific Mobile Station (MS) faults

Rel-4 *current version: none* WG (prime / other): N1 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: Peter Skov
G: yes U: MCC: JORGENSEN, Per Johan

remarks - general: 2002-05-02 (Hietalahti): Anticipate each old Release as null document pointing to
remarks - this release: . latest Release version. 2002-05-07 (Hietalahti): Scrapped in favour of 29.994
handling both "GSM" and "UMTS" problems.

Rel-4 **50** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/50_series

TR 50.043 Support of Localised Service Area (SoLSA); Work Item Status

Rel-4 *current version: none* WG (prime / other): S1 / - rapporteur: KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-11 G: yes U: MCC: CLAYTON, Michael
history (event, available, version,

remarks - general:
remarks - this release: 2001-April:Clayton: stopped.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 50 .- series
http://www.3gpp.org/ftp/Specs/archive/50_series

TS 50.056	Project scheduling and open issues: GSM Cordless Telephony System CTS, Phase 1						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> GALLIGO, Michel	ALCATEL S.A.			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version, SP-11</i>	4 . 0 . 0	not to be produced				
					<i>remarks - general:</i> Apr 2001 - Sultan:no Rel-4 will exist		
					<i>remarks - this release:</i> Apr 2001 - Sultan:no Rel-4 will exist Jun 2001: confirmed, so withdrawn.		
TS 50.089	GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> ISAACS, Ken	SIEMENS AG			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
					<i>remarks - general:</i>		
					<i>remarks - this release:</i> Usai Apr-2001: will never be produced.		
TR 50.099	GERAN project plan and open issues						
Rel-4	<i>current version:</i> none	<i>WG (prime / other):</i> GP / -	<i>rapporteur:</i> BLADSSJO, David	Telefon AB LM Ericsson			
	<i>freeze_meeting:</i> SP-11	G: yes U:	<i>MCC:</i> USAI, Paolino				
	<i>history (event, available, version,</i>						
	draft 09/10/2000	0 . 0 . 1	get it		<i>remarks - general:</i> 2002-01-23: Usai indicates "stopped". GP-08: But it won't lie down. Resuscitate as		
	draft 06/11/2000	0 . 0 . 2	get it		<i>remarks - this release:</i> GERAN#3: v0.0.4 May-2000: subsequent drafts 005, 006, 007 were wrongly Rel-5.		
GP-12: Rel-5 frozen, so draft moved to Rel-6.							
	draft 02/04/2000	0 . 0 . 2	get it		numbered and were not subsequent at all, so do not appear in history; latest draft		
	draft 08/05/2000	0 . 0 . 3	get it		is ex GERAN#4 = 006. 2002-01-23: Usai indicates "stopped".		
	draft 28/05/2000	0 . 0 . 4	get it				
GP-04	10/05/2000	0 . 0 . 6	get it				
	draft	0 . 0 . 7					
	draft	0 . 0 . 8					
GP-05		0 . 0 . 9					
GP-06		0 . 0 . 10					
GP-07		0 . 0 . 11					
GP-07		0 . 0 . 12					
GP-07		0 . 0 . 13					
	draft 12/04/2002	0 . 0 . 15	get it				
GP-09	22/04/2002	0 . 0 . 16	get it	GP-021208			
	draft 17/09/2002	0 . 0 . 20	get it				
GP-12	26/11/2002	0 . 23 . 0	get it	GP-023436			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Rel-4 51 .- series
http://www.3gpp.org/ftp/Specs/archive/51_series

Rel-4 **51** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/51_series

TS 51.010-4 Mobile Station (MS) conformance specification; Part 4: SIM Application Toolkit conformance specification

Rel-4 *current version:* none *WG (prime / other):* G5 / G4, *rapporteur:* HU, Shicheng ETSI Secretariat
freeze_meeting: SP-14 T3

G: yes *U:* *MCC:* SALMERON, Lidia

history (event, available, version,
TP-14 02/01/2002 0 . 0 . 1 TP-010250

[get it](#) *remarks - general:* 2001-11-19: G4->G5. TP-14: may be txferred to T3. TP-17: Withdrawn, because
remarks - this release: TP-17: Withdrawn, because doc was in fact R99, not Rel-4. doc was in fact R99, not

Rel-4.

TS 51.014 Specification of Subscriber Identity Module - Mobile Equipment (SIM - ME) Interface for SIM Application Toolkit

Rel-4 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* WOODSEND, Kristian Indicate persons who left Company and wait for new
freeze_meeting: SP-11 One

G: yes *U:* *MCC:* DIETZE, Claus

history (event, available, version,
TP-18 02/01/2003 4 . 0 . 0
TP-19 4 . 1 . 0

[get it](#) *remarks - general:*
remarks - this release: RP-11: TSG-T agreed not to have a rel-4 version. The 3G equivalent (31.111) will be upgraded to include a GSM-only annex. TP-18: This spec resurrected, based on ETSI TS 102 223 Rel-4 (via a CR to 11.14 R99).

Rel-4 **52** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/52_series

TS 52.071 Location Services (LCS); Location services management

Rel-4 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: SP-11 *G:* yes *U:* *MCC:* ZOICAS, Adrian

history (event, available, version,
SP-11 28/03/2001 4 . 0 . 0 withdrawn SP-13
SP-13 03/10/2001 4 . 1 . 0 This is the version declaring itself to be
withdrawn. A sort of non-version.
Anti-bootstrapping (autointerment?)

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* SP-13: withdrawn - see SP-010472.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

R00

R00 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.68 Voice Group Call Service (VGCS); Stage 1
R00 *current version:* none *freeze_meeting:* *history (event, available, version,*
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

TS 02.69 Voice Broadcast Service (VBS); Stage 1
R00 *current version:* none *freeze_meeting:* *history (event, available, version,*
smg-32 20/06/2000 9 . 0 . 0

WG (prime / other): S1 / - *rapporteur:* GILES, Les Union Internationale des Chemins de Fer
G: yes U: *MCC:* CLAYTON, Michael

[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 (based on CR to 8.0.0) ->42.068v4.0.0

R00 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.20 Security-related Network Functions
R00 *current version:* none *freeze_meeting:* SP-11 *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:* Sebastien
POPE, Maurice

[get it](#) *remarks - general:*
remarks - this release:

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.51 GSM/EDGE Radio Access Network (GERAN) overall description; Stage 2
R00 *current version: none* WG (prime / other): G1 / - *rapporteur:* SÉBIRE, Guillaume NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
draft 30/05/2000 0 . 0 . 1
remarks - general: -> 43.051
remarks - this release: .

TS 03.59 Location services (LCS) GERAN; Stage 2
R00 *current version: none* WG (prime / other): G1 / - *rapporteur:* LIVINGSTON, Margaret NOKIA Corporation
freeze_meeting: G: yes U: *MCC:* USAI, Paolino
history (event, available, version,
draft 30/05/2000 0 . 0 . 1
[get it](#) *remarks - general:*
remarks - this release: replaced by 43.059

TS 03.68 Voice Group Call Service (VGCS); Stage 2
R00 *current version: none* WG (prime / other): N1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0
[get it](#) *remarks - general:*
remarks - this release: #32:9.0.0 TSG#8:9.0.0->43.068v4.0.0

TS 03.69 Voice Broadcast service (VBS); Stage 2
R00 *current version: none* WG (prime / other): N1 / - *rapporteur:* MÜNNING, Dirk DETECON GMBH
freeze_meeting: G: yes U: *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-30 20/06/2000 9 . 0 . 0
[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

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.08 Mobile-services Switching Centre - Base Station system (MSC-BSS) Interface Layer 3 Specification

R00 *current version: none* WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: G: yes U: MCC: THOMASEN, Gert

history (event, available, version,

smg-29	30/06/1999	8	.	0	.	0
smg-30	11/11/1999	8	.	1	.	0
smg-30 bis	06/12/1999	8	.	2	.	0
smg-31	16/02/2000	8	.	3	.	0
smg-31 bis	17/04/2000	8	.	4	.	0
Fix graphics	16/05/2000	8	.	4	.	1
smg-32	20/06/2000	8	.	5	.	0
smg-32	20/06/2000	9	.	0	.	0

[get it](#)

remarks - general:

[get it](#)

remarks - this release: #32:9.0.0 Aug00: replaced by 48.008

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

[get it](#)

R00 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.99 GERAN project plan and open issues

R00 *current version: none* WG (prime / other): - / rapporteur: MUELLER, Frank Telefon AB LM Ericsson
freeze_meeting: G: yes U: MCC: N, A

history (event, available, version,

draft (as 10.99)	30/05/2000	0	.	0	.	5
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[get it](#)

remarks - general:

remarks - this release: .

R00 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R00 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-1 Mobile station (MS) conformance specification; Part 1: Conformance specification
R00 *current version: none* *freeze_meeting:* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP
/ G4
G: yes U: MCC: SALMERON, Lidia
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 [get it](#) *remarks - general:* R99 version now serves all releases. Earlier releases closed.. Subsequently
edito 12/07/2000 9 . 0 . 1 [get it](#) *remarks - this release:* #32:9.0.0->51.010-1v4.0.1 replaced by Rel-5 equivalent. 2001-11-19: G4->G5.

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)
R00 *current version: none* *freeze_meeting:* WG (prime / other): G5 / S1 / rapporteur: SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP
/ G4
G: yes U: MCC: SALMERON, Lidia
history (event, available, version,
smg-32 20/06/2000 9 . 0 . 0 Tdoc 7-00-276; P-00-266 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: #32:9.0.0->51.010-3v4.0.0

R00 25 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.839 Uplink Synchronous Transmission Scheme (USTS) (Iur/Iub aspects)
R00 *current version: none* *freeze_meeting:* WG (prime / other): R3 / - rapporteur: PARK, Jin Hyo SK TELECOM
G: U: yes MCC: KRAUSE, Joern
history (event, available, version,
draft 15/08/2000 0 . 0 . 1 [get it](#) *remarks - general:*
RP-10 21/09/2000 0 . 1 . 0 RP-000642 [get it](#) *remarks - this release:* -> Rel-4

G = required in systems with GERAN acces; U = required in systems with UMTS

R99

R99 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series**TR 01.00 Working Procedures for SMG and PT SMG**

R99 *current version:* none *WG (prime / other):* SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
freeze_meeting: SP-06 *G: yes U:* *MCC:* POPE, Maurice
history (event, available, version,
smg-30 11/11/1999 8 . 0 . 0 SP-15: withdrawn since SMG and [get it](#) *remarks - general:*
PT-SMG no longer exist. *remarks - this release:*

TS 01.56 GSM Cordless Telephony System (CTS) (Phase 1); CTS Authentication and Key Generation Algorithms Requirements

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* MESSIET, Samira ALCATEL S.A.
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
Withdrawn 16/11/2000 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: CTS is dead duck

R99 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series**TS 02.01 Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN)**

R99 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* *MCC:* CLAYTON, Michael
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0 [get it](#) *remarks - general:*
smg-29 25/06/1999 8 . 1 . 0 [get it](#) *remarks - this release:* TSG#6: ->3G
smg-30 25/10/2001 8 . 2 . 0 [get it](#)
ETSI publication 30/10/2001 8 . 2 . 1 [get it](#)

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.32	Immediate Service Termination (IST); Service description; Stage 1								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> POPE, Maurice						
	<i>history (event, available, version,</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.						
TS 02.34	High Speed Circuit Switched Data (HSCSD); Stage 1								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> KOKKOLA, Tommi	NOKIA Corporation					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-28 12/02/1999 8 . 0 . 0	get it	<i>remarks - general:</i>						
	smg-29 25/06/1999 8 . 1 . 0	get it	<i>remarks - this release:</i>	withdrawn -> 22.034					
TS 02.38	SIM application toolkit (SAT); Stage 1								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / SCP	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
			<i>remarks - general:</i> Moved from T3 Jan-00.						
			<i>remarks - this release:</i> Place holder - no spec.						
TS 02.40	Procedures for Call Progress Indications								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / NP	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-30 11/11/1999 8 . 0 . 0	get it	<i>remarks - general:</i>	withdrawn. The text for 02.40 was moved to 22.001. refer to CR					
			<i>remarks - this release:</i> R99 -> 22.101	22.001-001 which resulted in version 3.1.0 of 22.001.					
TS 02.42	Network Identity and Timezone (NITZ); Service Description, Stage 1								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 /	<i>rapporteur:</i> GILES, Les	Union Internationale des Chemins de Fer					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> yes <i>U:</i>	<i>MCC:</i> CLAYTON, Michael						
	<i>history (event, available, version,</i>								
	smg-29 25/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>	withdrawn -> 22.042					
			<i>remarks - this release:</i>						

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Server WITHDRAWN specs R99 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.57	Mobile Station Application Execution Environment (MExE) Service description Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.60	General Packet Radio Service Stage 1 Description					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CARPENTER, Paul	Research In Motion Limited		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
	smg-29 25/06/1999 8 . 1 . 0	get it	<i>remarks - this release:</i> #28: 8.0.0 #29: 8.1.0 (deleted, moved to 3GPP)			
<hr/>						
TS 02.78	Customized Applications for Mobile network Enhanced Logic (CAMEL); Service definition (Stage 1)					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GRECH, Michel	Lucent Technologies Network Systems UK		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-29 25/06/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #29: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.82	Call Forwarding (CF) Supplementary Services; Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> EVEN, Anne	France Telecom		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)			
<hr/>						
TS 02.90	Unstructured Supplementary Service Data (USSD); Stage 1					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> SLOTTE, Sverre	NOKIA Corporation		
	<i>freeze_meeting:</i> SP-06	G: yes U:	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-28 12/02/1999 8 . 0 . 0	get it	<i>remarks - general:</i>			
			<i>remarks - this release:</i> #28: 8.0.0 (to be deleted, moved to 3GPP)			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

R99 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.01	Network Functions								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S2 / NP	<i>rapporteur:</i> GAASVIK, Per-Ola	COMVIQ GSM AB			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui				
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0			get it	<i>remarks - general:</i> SMG3->SA2 @ TSG#7				
					<i>remarks - this release:</i> Never produced; make do with R98 version.				
TS 03.31	Fraud Information Gathering System (FIGS); Service description; Stage 2								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0 SP-18: withdrawn			get it	<i>remarks - general:</i> 2001-09-03: S3 secretary reports that this spec is not mature enough for official				
					<i>remarks - this release:</i> SP-18: decided FIGS is joint GERAN/UTRAN so -> 23.031. publication. Work continues				
in 43.031. SP-18: in fact, in 23.031.									
TS 03.35	Immediate Service Termination (IST); Stage 2								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice				
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0			get it	<i>remarks - general:</i>				
	SP-11 04/04/2001 8 . 1 . 0			get it	<i>remarks - this release:</i> SP-16: withdrawn in favouf of 23.035 R99.				
TR 03.43	Support of Videotex								
R99	<i>current version:</i> none			<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.			
	<i>freeze_meeting:</i> SP-06			<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm				
	<i>history (event, available, version,</i> frozen at v7 20/11/2000 8 . 0 . 0			get it	<i>remarks - general:</i>				
	(withdrawn)				<i>remarks - this release:</i> Frozen at v7				

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 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)					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
		<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> Sticks at v7			
<hr/>						
TR 03.47	Example Protocol Stacks for Interconnecting Service Centre(s) (SC) and Mobile Services Switching Centre(s) (MSC)					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
		<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i>			
<hr/>						
TR 03.49	Example protocol stacks for interconnecting Cell Broadcast Centre (CBC) and Base Station Controller (BSC)					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> RODERMUND, Friedhelm	Vodafone D2 GmbH		
		<i>G: yes U:</i>	<i>MCC:</i> RODERMUND, Friedhelm			
	<i>history (event, available, version,</i> Upgrade to R99 30/06/2000 8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> clamped at v7			
<hr/>						
TS 03.56	GSM Cordless Telephony System (CTS), Phase 1; CTS Architecture Description; Stage 2					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ROBERTS, Martin	Nortel		
		<i>G: yes U:</i>	<i>MCC:</i> YOON, Sang-Ui			
	<i>history (event, available, version,</i> Upgrade to R99 01/05/2000 8 . 0 . 0	get it	<i>remarks - general:</i> <i>remarks - this release:</i> Never produced; make do with R98 version.			
<hr/>						
TS 03.63	Packet Data on Signalling channels service (PDS) Service description, Stage 2					
R99	<i>current version:</i> none <i>freeze_meeting:</i> SP-06	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> JACOBSON, Dieter	T-MOBILE DEUTSCHLAND		
		<i>G: yes U:</i>	<i>MCC:</i> JORGENSEN, Per Johan			
	<i>history (event, available, version,</i> smg-31 16/02/2000 8 . 0 . 0 NP-15 withdrawn	get it	<i>remarks - general:</i> <i>remarks - this release:</i> TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.			

G = required in systems with GERAN access; U = required in systems with UMTS

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Server WITHDRAWN specs R99 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.82 Call Forwarding (CF) Supplementary Services; Stage 2

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
smg-28 12/02/1999 8 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #28: 8.0.0 (to be deleted, moved to 3GPP)

R99 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.22 Radio Link Protocol (RLP) for data and telematic services on the Mobile Station - Base Station System (MS - BSS) interface and the Base Station System - Mobile-services

R99 *current version:* **Switching Centre (BSS - MSC) interface**
SIEMENS AG

WG (prime / other): none N3 / - *rapporteur:* KLEHN, Norbert

freeze_meeting: SP-06
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0

G: yes U: *MCC:* BOSWARTHICK, David

[get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 04.63 Packet Data on Signalling channels Service (PDS) Service Description, Stage 3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,
smg-31 16/02/2000 8 . 0 . 0
Editorial correction 27/04/2000 8 . 0 . 1 NP-15 withdrawn

WG (prime / other): N1 / - *rapporteur:* JACOBSON, Dieter T-MOBILE DEUTSCHLAND
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* TP-15: proposed to withdraw, since stage 1 (02.63) not promoted to R99.

TS 04.94 Follow Me Service description; Stage 3

R99 *current version:* none
freeze_meeting: SP-06
history (event, available, version,

WG (prime / other): - / - *rapporteur:* SWETINA, Joerg SIEMENS AG
G: yes U: *MCC:* N, A

remarks - general: TF139 proposes to abandon; not needed. USSD does all.
remarks - this release: scrapped whilst still on starting block

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Server WITHDRAWN specs R99 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R99 05 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.14 Release independent frequency bands; Implementation guidelines

R99 *current version:* none *WG (prime / other):* G1 / G2 *rapporteur:* KANGAS, Antti NOKIA Corporation
freeze_meeting: SP-06 *G: yes U:* MCC: USAI, Paolino
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0
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:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* MCC: BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 withdrawn -> 27.001 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.02 Terminal Adaptation Functions (TAF) for Services Using Asynchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* MCC: BOSWARTHICK, David
history (event, available, version,
smg-29 25/06/1999 8 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #29: 8.0.0 (to be deleted, moved to 3GPP)

TS 07.03 Terminal Adaptation Functions (TAF) for Services Using Synchronous Bearer Capabilities

R99 *current version:* none *WG (prime / other):* N3 / - *rapporteur:* HUSLENDE, Ragnar Telefon AB LM Ericsson
freeze_meeting: SP-06 *G: yes U:* MCC: BOSWARTHICK, David
history (event, available, version,
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 07 .- series
http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.08 GSM Application Programming Interface

R99 *current version:* none
freeze_meeting: SP-06

WG (prime / other): T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
Friedhelm

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)
SIEMENS AG

WG (prime / other): none N3 /- *rapporteur:* KLEHN, Norbert

G: yes *U:* *MCC:* BOSWARTHICK, David

freeze_meeting: SP-06
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 09.14 Application of ISUP Version 3 for the ISDN-PLMN (GSM) Signalling

R99 *current version:* none
freeze_meeting: SP-06

WG (prime / other): SPA / N4 *rapporteur:* SPORTON, Simon VODAFONE Group Plc
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:* none
freeze_meeting: SP-06

WG (prime / other): N1 /- *rapporteur:* MILLS, Duncan VODAFONE Group Plc
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)

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

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: Peter Skov
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:* none *WG (prime / other):* S1 / - *rapporteur:* KOKKOLA, Tommi NOKIA Corporation
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* CLAYTON, Michael

history (event, available, version,
draft 17/04/1998 1 . 2 . 0 empty!
smg-28 30/06/1999 1 . 11 . 0 [get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: 1.11.0 #30b: 1.11.0 2001-April:Clayton: stopped.

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)
R99 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
freeze_meeting: SP-06 Friedhelm
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:* none *WG (prime / other):* S4 / *rapporteur:* N, A Indicate persons who left Company and wait for new One
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino

history (event, available, version,
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".

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Server WITHDRAWN specs R99 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TS 10.89 GSM to other Systems Handover and Cell Selection/Reselection; Project scheduling and open issues;

R99 *current version:* none *WG (prime / other):* GP / - *rapporteur:* ISAACS, Ken SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* *MCC:* USAI, Paolino
history (event, available, version,
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:* none *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
/ G4
G: yes *U:* *MCC:* SALMERON, Lidia
history (event, available, version,
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

TS 11.10-3 Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)

R99 *current version:* none *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: SP-06 NP /
T2 /
SCP
/ G4
G: yes *U:* *MCC:* SALMERON, Lidia
history (event, available, version,
Upgraded to R99 30/06/2000 8 . 0 . 0 [get it](#) *remarks - general:* 2001-11-19: G4->G5.
remarks - this release: skipped straight to R00.

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.043	Support of Localized Service Area (SoLSA); Service description; Stage 1					
R99	<i>current version:</i> none		<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> KOKKOLA, Tommi		NOKIA Corporation
	<i>freeze_meeting:</i> SP-05		G: yes U: yes	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>					
	SP-05 13/10/1999	3 . 0 . 1	get it	<i>remarks - general:</i> Transfer>TSG#4		
	SP-08 28/06/2000	3 . 1 . 0	get it	<i>remarks - this release:</i> Jan-2001: SA1 scrapped this spec and reverted to GSM-only 02.43.		
TS 22.053	Tandem Free Operation (TFO); Service description; Stage 1					
R99	<i>current version:</i> none		<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> NAVARRO, William		NORTEL NETWORKS (EUROPE)
	<i>freeze_meeting:</i> SP-11		G: yes U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>					
	SP-06	3 . 0 . 0		<i>remarks - general:</i> Transfer>TSG#4.		
				<i>remarks - this release:</i> 2001-01-22: Scrapped. 02.53 is retained.		
TR 22.907	Terminal concepts					
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> TOLVANEN, Mika		NOKIA MOBILE PHONES
	<i>freeze_meeting:</i> SP-03		G: U: yes	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					
	Table of Contents 19/10/1997	0 . 0 . 2	get it	<i>remarks - general:</i> CR at TSG#4 Not maintained		
	and Scope			<i>remarks - this release:</i> Withdrawn (Clayton 2000-02-11)		
	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 22/04/1999	3 . 1 . 2	get it			
	SP-04 23/06/1999	3 . 1 . 3	get it			
TR 22.924	Charging and accounting mechanisms					
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MONTEGROSSO,		TELECOM ITALIA S.p.A.
	<i>freeze_meeting:</i> SP-03		G: U: yes	<i>MCC:</i> Emanuele N, A		
	<i>history (event, available, version,</i>					
	Table of Contents 19/10/1997	0 . 0 . 1	get it	<i>remarks - general:</i>		
	and Scope			<i>remarks - this release:</i> .		
	First complete 19/12/1997	1 . 2 . 1	get it			
	WG approval 15/02/1997	2 . 0 . 0	get it			
	Under TB change 20/03/1998	3 . 0 . 0	get it			
	control					
	TB approval 15/02/1999	3 . 1 . 0	get it			
	SP-03 23/04/1999	3 . 1 . 1	get it			

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Server WITHDRAWN specs R99 22 .- series
http://www.3gpp.org/ftp/Specs/archive/22_series

R99 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.010	GSM Public Land Mobile Network (PLMN) Connection Types								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
<i>history (event, available, version,</i>									
SP-03	30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	superseded by 23.910
								<i>remarks - this release:</i>	TSG#7:3.0.0 - later scrapped
<hr/>									
TS 23.022	Functions related to Mobile Station (MS) in idle mode and group receive mode								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
<i>history (event, available, version,</i>									
SP-03	23/04/1999	3	.	0	.	0			
SP-04	23/06/1999	3	.	1	.	0			
							get it	<i>remarks - general:</i>	Superseded by 23.122
							get it	<i>remarks - this release:</i>	3.1.0 dates from June 99
<hr/>									
TS 23.043	Support of Videotex								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
<i>history (event, available, version,</i>									
SP-03	30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	3.0.0 Apr 99 - later scrapped
<hr/>									
TS 23.044	Support of Teletex								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
<i>history (event, available, version,</i>									
SP-03	30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	3.0.0 Apr 99 - later scrapped

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.045	Technical Realization of Facsimile Group 3 Service - transparent								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DI TRIA, Paolo	Telecom Italia Lab S.p.A.					
	<i>freeze_meeting:</i> SP-08	<i>G:</i> U: yes	<i>MCC:</i> N, A						
	<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> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BOSWARTHICK, David	ETSI Secretariat					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> N, A						
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0								
		get it	<i>remarks - general:</i> superseded by 23.146						
			<i>remarks - this release:</i> 3.0.0 Apr 99						
<hr/>									
TS 23.054	Shared Interworking Functions (SIWF); Stage 2								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N3 / -	<i>rapporteur:</i> ROSTÖ, Tommy	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes U: yes	<i>MCC:</i> BOSWARTHICK, David						
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0 NP-13: withdrawn								
		get it	<i>remarks - general:</i>						
			<i>remarks - this release:</i> NP-13: withdrawn.						
<hr/>									
TS 23.069	Voice Broadcast service (VBS); Stage 2								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> DETTNER, Harald	SIEMENS AG					
	<i>freeze_meeting:</i> SP-06	<i>G:</i> U: yes	<i>MCC:</i> JORGENSEN, Per Johan						
	<i>history (event, available, version,</i> NP-03 23/04/1999 3 . 0 . 0								
		get it	<i>remarks - general:</i> Reverts to 03.69 R99.						
			<i>remarks - this release:</i> 3.0.0 Apr 99 - Reverts to 03.69 R99.						
<hr/>									
TS 23.070	Routing of calls to/from Public Data Networks (PDN) and the GSM Public Land Mobile Network (PLMN)								
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> KOSYDAR, L	Indicate persons who left Company and wait for new One					
	<i>freeze_meeting:</i> SP-03	<i>G:</i> yes U: yes	<i>MCC:</i> N, A						
	<i>history (event, available, version,</i> SP-03 23/04/1999 3 . 0 . 0								
		get it	<i>remarks - general:</i> N3 indicates not required for R99, so revert to 03.70 R98.						
			<i>remarks - this release:</i> withdrawn NP-06						

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.071	Location Services (LCS); Functional description; Stage 2								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
<i>history (event, available, version,</i>									
SP-04	30/05/1999	3	.	0	.	0			
							get it	<i>remarks - general:</i>	superseded by 25.305
								<i>remarks - this release:</i>	.
<hr/>									
TS 23.073	Support of Localised Service Area (SoLSA); Stage 2								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-05								
<i>history (event, available, version,</i>									
NP-05	13/10/1999	3	.	0	.	0			
edito	06/06/2000	3	.	0	.	1			
							get it	<i>remarks - general:</i>	Transfer>TSG#4. 2001-10-09 Rapporteur changed from Ch Homann.
							get it	<i>remarks - this release:</i>	SP-16: reverts to 03.73 since applies to GERAN systems only.
<hr/>									
TS 23.920	Evolution of the GSM platform towards UMTS								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
<i>history (event, available, version,</i>									
Table of Contents	17/10/1997	0	.	0	.	3			
and Scope							get it	<i>remarks - general:</i>	
Transfer to SP SA	04/03/1999	0	.	6	.	1			
SP-03	23/04/1999	1	.	0	.	0			
WG approval	01/04/1999	1	.	0	.	0			
First complete	01/04/1999	1	.	0	.	0			
SP-04	23/06/1999	3	.	0	.	0			
SP-05	13/10/1999	3	.	1	.	0			
							get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	Stopped TSG#6
<hr/>									
TR 23.922	Architecture for an All IP network								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
<i>history (event, available, version,</i>									
SP-05	13/10/1999	1	.	0	.	0			
							get it	<i>remarks - general:</i>	TSG#5: 1.0.0
								<i>remarks - this release:</i>	Was suspected to be v3.0.0, but evidently not so. Sultan, Apr-2001: abandoned in early 2000; replaced by 23.228 and 23.221.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 23 .- series
http://www.3gpp.org/ftp/Specs/archive/23_series

TR 23.927 VHE, Open Service Architecture (OSA)

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version,
First complete 23/04/1999 0 . 0 . 0 [get it](#) *remarks - general:* Replaced by 23.127
SP-03 23/04/1999 0 . 1 . 0 withdrawn [get it](#) *remarks - this release:* Withdrawn (Clayton 2000-02-11).

TR 23.960 Framework of network functions to support multimedia services

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* GABE, Axel SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* N, A
history (event, available, version,
SP-03 23/04/1999 0 . 1 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R99 **24** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.012 Short Message Service Cell Broadcast (SMSCB) Support on the Mobile Radio Interface

R99 *current version:* none *WG (prime / other):* G2 / N2 *rapporteur:* AL -BAKRI, Ban MOTOROLA S.A.S
freeze_meeting: SP-05 *G:* yes *U:* yes *MCC:* THOMASEN, Gert
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 0 [get it](#) *remarks - general:* Transfer>TSG#4; N#9;proposed to scrap this spec and return it to 2g status (04.12
remarks - this release: Replaced by 04.12 R99. R99) and shift responsibility to G2 (and should have been
N2 anyway). Agreed to txfer to G2, but still as 24.012.

TS 24.065 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SND CP)

R99 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-12 *G:* U: yes *MCC:* JORGENSEN, Per Johan
history (event, available, version,
NP-03 23/04/1999 3 . 0 . 0 [get it](#) *remarks - general:* Scrapped: is GSM only
NP-04 27/05/1999 3 . 1 . 0 [get it](#) *remarks - this release:* 2000-02-14: To revert to 2g only 04.65, 24.165 may be required. 2000-11-08
withdrawn; not required for 3G.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.068	Group Call Control (GCC) Protocol				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-06		G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> GSM only for R99.	
	NP-03	3 . 0 . 0		<i>remarks - this release:</i> GSM only for R99.	
	NP-04	3 . 1 . 0			

TS 24.069	Broadcast Call Control (BCC) protocol				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> N1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)
	<i>freeze_meeting:</i> SP-06		G: U: yes	<i>MCC:</i> JORGENSEN, Per Johan	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> GSM only for R99.	
	NP-03	3 . 0 . 0		<i>remarks - this release:</i> GSM only for R99.	
	NP-04	3 . 1 . 0			

TS 24.094	Follow Me; Stage 3				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> BERGMANN, Ansgar	Deutsche Telekom AG
	<i>freeze_meeting:</i> SP-06		G: U: yes	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> TF139 proposes to abandon; not needed. USSD does all.	
				<i>remarks - this release:</i> USSD does all. No draft expected.	

R99

25 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.053	Tandem Free Operation (TFO); Service description; Stage 2				
R99	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MEREDITH, John M	ETSI Secretariat
	<i>freeze_meeting:</i> SP-06		G: yes U: yes	<i>MCC:</i> N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i> No draft. Anyway, should have been 23.053.	
				<i>remarks - this release:</i> no draft ever materialised	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.103	RF parameters in support of RRM					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> FRANCESCHI, Olle	Nippon Ericsson K.K.		
	<i>freeze_meeting:</i> SP-06	G: yes U: yes	<i>MCC:</i> N, A			
	<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 25.831	Study Items for future release					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R3 / -	<i>rapporteur:</i> DREVON, Nicolas	ALCATEL S.A.		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> KRAUSE, Joern			
	<i>history (event, available, version,</i>					
	RP-03 23/04/1999	0 . 0 . 0	get it	<i>remarks - general:</i>		
	RP-04 23/06/1999	0 . 0 . 2	get it	<i>remarks - this release:</i>	RP-19: stopped.	
TR 25.923	Stage 2 Functional Specification of Location Services in UTRAN					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> STEER, David G	NORTEL NETWORKS (EUROPE)		
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					
	draft 30/04/1999	1 . 0 . 0	get it	<i>remarks - general:</i>	superseded by 25.305	
	draft 01/09/1999	1 . 2 . 0	get it	<i>remarks - this release:</i>	.	
	draft 30/09/1999	1 . 4 . 0	get it			
TR 25.926	UE Radio Access capabilities definition					
R99	<i>current version:</i> none	<i>WG (prime / other):</i> R2 / -	<i>rapporteur:</i> LUNDSJÖ, Johan	Ericsson AB		
	<i>freeze_meeting:</i> SP-07	G: U: yes	<i>MCC:</i> ARZELIER, Claude			
	<i>history (event, available, version,</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			

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

TR 25.990	Vocabulary for UTRAN								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-05								
	<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		

R99 **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.075	Performance characterization of the Adaptive Multi-Rate (AMR) speech codec								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</i>								
	SP-03 23/04/1999	0	.	0	.	0	get it	<i>remarks - general:</i>	Created TSG#6. Replaced by '975 at TSG#7.
	SP-06 17/12/1999	1	.	0	.	0	get it	<i>remarks - this release:</i>	replaced by 26.975
	SP-05 13/10/1999	1	.	0	.	0	get it		
	SP-04 23/06/1999	1	.	0	.	0	get it		
	Editorial 23/06/2000	1	.	2	.	0	get it		

TS 26.112	Codec(s) for Circuit Switched Multimedia Telephony Service; Call Set-up Requirements								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</i>								
	SP-03 26/04/1999	1	.	0	.	0	get it	<i>remarks - general:</i>	
	SP-04 23/06/1999	1	.	1	.	0	get it	<i>remarks - this release:</i>	

TS 26.115	Echo control for speech and multi-media services								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-07								
	<i>history (event, available, version,</i>								
	Creation of WI by WG/TB 02/02/2000	0	.	0	.	1	get it	<i>remarks - general:</i>	
								<i>remarks - this release:</i>	Feb00: 0.0.1 - Withddrawn in favour of 26.915; will be reinstated for Rel-4.

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 26.121	Technical Specification for Tandem Free Operation within 3G networks					
R99	<i>current version: none</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain		Cingular Wireless LLC	
	<i>freeze_meeting: SP-08</i>	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					<i>remarks - general:</i>
						<i>remarks - this release: .</i>
TS 26.122	Technical Specification for Tandem Free Operation between 3G and 2G networks					
R99	<i>current version: none</i>	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> OHANA, Alain		Cingular Wireless LLC	
	<i>freeze_meeting: SP-07</i>	G: U: yes	<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>					<i>remarks - general:</i>
						<i>remarks - this release: .</i>
TS 26.133	Wide band speech telephony terminal acoustic characteristics					
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: SP-06</i>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					<i>remarks - general:</i> Stopped: Included in 26.131 & '132.
						<i>remarks - this release: .</i>
TS 26.134	Wide band speech telephony terminal acoustic test specification					
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> BARRETT, Paul		Indicate persons who left Company and wait for new One	
	<i>freeze_meeting: SP-06</i>	G: U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					<i>remarks - general:</i> Stopped: Included in 26.131 & '132.
						<i>remarks - this release: .</i>
TS 26.135	Terminal Display and Camera Characteristics for H.324 Narrow-band Video Telephony					
R99	<i>current version: none</i>	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.	
	<i>freeze_meeting: SP-06</i>	G: yes U: yes	<i>MCC:</i> USAI, Paolino			
	<i>history (event, available, version,</i>					<i>remarks - general:</i> Stopped: Included in 26.131 & '132.
						<i>remarks - this release: .</i>

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Server WITHDRAWN specs R99 26 .- series
http://www.3gpp.org/ftp/Specs/archive/26_series

TS 26.136	Terminal Display and Camera Test Specifications for H.324 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.137	Terminal Display and Camera Characteristics for H.323 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TS 26.138	Terminal Display and Camera Test Specifications for H.323 Narrow-band Video Telephony				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 /	<i>rapporteur:</i> USAI, Paolino		Telecom Italia Lab S.p.A.
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i> Stopped: Included in 26.131 & '132.		
			<i>remarks - this release:</i> .		
<hr/>					
TR 26.913	Quantitative performance evaluation of real-time packet switched multimedia services over 3G				
R99	<i>current version:</i> none	<i>WG (prime / other):</i> S4 / -	<i>rapporteur:</i> HONKO, Harri		NOKIA Corporation
	<i>freeze_meeting:</i> SP-06	G: U: yes	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	SP-03 23/04/1999 0 . 0 . 0		get it <i>remarks - general:</i>		
	SP-04 23/06/1999 0 . 0 . 1		get it <i>remarks - this release:</i> No work, will never appear as 3.0.0 (Usai, Mar 2001) 2001-07:Usai: withdrawn.		

R99

28 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/28_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 28 .- series
http://www.3gpp.org/ftp/Specs/archive/28_series

TS 28.062 Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3

R99 *current version:* none *WG (prime / other):* S4 / - *rapporteur:* SUERBAUM, Clemens SIEMENS AG
freeze_meeting: SP-06 *G:* yes *U:* yes *MCC:* USAI, Paolino
history (event, available, version,
SP-05 13/10/1999 3 . 0 . 0

[get it](#) *remarks - general:* Transfer>TSG#4
remarks - this release: withdrawn from R99.

R99 **29** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/29_series

TS 29.004 Interworking between the Public Land Mobile Network (PLMN) and the Circuit Switched Public Data Network (CSPDN)

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0

[get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 09.04 R98.
remarks - this release:

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 *current version:* none *WG (prime / other):* - / - *rapporteur:* BOSWARTHICK, David ETSI Secretariat
freeze_meeting: SP-08 *G:* *U:* yes *MCC:* N, A
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0

[get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 09.05 R98.
remarks - this release:

TS 29.006 Interworking between a PLMN and the ISDN or PSTN for support of Packet Switched data transmission services

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* BRAUN, Achim Indicate persons who left Company and wait for new
freeze_meeting: SP-03 *G:* yes *U:* yes *MCC:* N, A One
history (event, available, version,
SP-03 23/04/1999 3 . 0 . 0

[get it](#) *remarks - general:* N3 indicates not required for R99, so revert to 09.06 R98.
remarks - this release: withdrawn NP-06

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 29 .- series
http://www.3gpp.org/ftp/Specs/archive/29_series

TR 29.993 Modifications to be incorporated in equipment to cater for errors in the standards

R99 *current version:* none
freeze_meeting: tbd
history (event, available, version,

WG (prime / other): RP / -
G: yes *U:* yes

rapporteur: COURAU, François ALCATEL S.A.
MCC: GUTIERREZ MIGUELEZ, Cesar

remarks - general: RP-19: stopped.
remarks - this release: .

R99 **30** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/30_series

3GPP specification status

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Server WITHDRAWN specs R99 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.531 Work Plan and Study Items - RAN WG3

R99 *current version:* none WG (prime / other): R3 / - *rapporteur:* KRAUSE, Joern SIEMENS AG

freeze_meeting: SP-06

G: U: yes *MCC:* KRAUSE, Joern

history (event, available, version,

draft 15/02/1999 0 . 0 . 1
draft 15/03/1999 0 . 0 . 2

[get it](#)

remarks - general:

[get it](#)

remarks - this release: 2003-01-14: R99 stopped. Work continues, but for later Release. Skip straight to Rel-6

draft 15/04/1999 0 . 0 . 3

[get it](#)

RP-03 23/04/1999 0 . 1 . 0

[get it](#)

draft 15/05/1999 0 . 1 . 1

[get it](#)

RP-04 23/06/1999 0 . 1 . 2

[get it](#)

RP-05 13/10/1999 0 . 3 . 1

[get it](#)

draft 30/10/1999 0 . 3 . 2

[get it](#)

draft 15/11/1999 0 . 4 . 0

[get it](#)

draft 30/11/1999 0 . 4 . 1

[get it](#)

RP-06 12/12/1999 0 . 5 . 0

[get it](#)

draft 15/01/2000 0 . 5 . 1

[get it](#)

draft 15/02/2000 0 . 6 . 0

[get it](#)

draft 20/02/2000 0 . 6 . 1

[get it](#)

RP-07 15/03/2000 0 . 7 . 0 RP-000142

[get it](#)

draft 30/03/2000 0 . 7 . 1

[get it](#)

RP-08 23/06/2000 0 . 8 . 0

[get it](#)

RP-09 15/08/2000 0 . 8 . 1

[get it](#)

RP-09 03/10/2000 0 . 8 . 2

[get it](#)

RP-10 0 . 8 . 5 RP-000688

draft 21/12/2000 0 . 8 . 6

[get it](#)

RP-11 27/03/2001 0 . 8 . 8

[get it](#)

RP-12 05/07/2001 0 . 9 . 0 RP-010388

[get it](#)

RP-13 01/10/2001 0 . 9 . 2 RP-010604

[get it](#)

draft 23/11/2001 0 . 9 . 3 R3-013076

[get it](#)

R99

31 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/31_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 31 .- series
http://www.3gpp.org/ftp/Specs/archive/31_series

TR 31.900 SIM/USIM internal and external interworking aspects

R99 *current version:* none *WG (prime / other):* T3 / *rapporteur:* KALINER, Stefan T-MOBILE DEUTSCHLAND
freeze_meeting: TP-12 *G:* *U:* yes *MCC:* DIETZE, Claus

history (event, available, version,
TP-11 05/04/2001 1 . 0 . 0 Thought to have been approved as [get it](#) *remarks - general:*
3.0.0, but in fact was not! (JMM after *remarks - this release:* TP-16: withdrawn; only Rel-5 remains valid.
Sanders 2001-05-16)
TP-12 2 . 0 . 0 TP-010113
TP-12 06/07/2001 3 . 0 . 0 [get it](#)
TP-13 12/10/2001 3 . 1 . 0 [get it](#)
TP-15 28/03/2002 3 . 2 . 0 TP-16: withdrawn; only Rel-5 remains [get it](#)
valid.

R99 32 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.008 Subscriber and Equipment trace

R99 *current version:* none *WG (prime / other):* - / - *rapporteur:* SJÖBLOM, Kai NOKIA Corporation
freeze_meeting: SP-06 *G:* *U:* yes *MCC:* N, A

history (event, available, version,
remarks - general: Existence deduced from STF139 programme. But denied by Sjöblom.
remarks - this release: Not to be produced.

TS 32.106 Configuration Management

R99 *current version:* none *WG (prime / other):* S5 / - *rapporteur:* TOVINGER, Thomas Telefon AB LM Ericsson
freeze_meeting: SP-07 *G:* *U:* yes *MCC:* ZOICAS, Adrian

history (event, available, version,
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 withdrawn SP-08 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 32 .- series
http://www.3gpp.org/ftp/Specs/archive/32_series

TS 32.111	3G Fault Management								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-08								
	<i>history (event, available, version,</i>								
	SP-05 13/10/1999	1	.	0	.	0			
	SP-06 17/12/1999	1	.	1	.	0			
	SP-07 17/03/2000	3	.	0	.	0			
	Editorial 17/03/2000	3	.	0	.	1			
	SP-08: split into	3	.	1	.	0			
	parts								
	Formatting 18/07/2000	3	.	2	.	0			

WG (prime / other): S5 / - *rapporteur:* CICCHITTO, Gaetano SIEMENS Mobile Communications S.p.A.
G: U: yes *MCC:* ZOICAS, Adrian

[get it](#) *remarks - general:* TSG#8: split into 4 parts
[get it](#) *remarks - this release:* TSG#8: multipart split from parent 3.0.1
[get it](#)
[get it](#)
[get it](#)

R99 **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.900	Guide to 3G security								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-06								
	<i>history (event, available, version,</i>								
	SP-08 23/06/2000	1	.	2	.	0			

WG (prime / other): S3 / - *rapporteur:* BROOKSON, Charles DTI - Department of Trade and Industry
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:*
remarks - this release: New at TSG#6

TR 33.909	3G Security; Report on the design and evaluation of the MILENAGE algorithm set; Deliverable 5: An example algorithm for the 3GPP authentication and key generation functions								
R99	<i>current version:</i> none								
	<i>freeze_meeting:</i> SP-10								
	<i>history (event, available, version,</i>								
	SP-10 16/01/2001	1	.	0	.	0	SP-000629		
	SP-10	3	.	0	.	0	withdrawn, not needed for R99		

WG (prime / other): S3 / - *rapporteur:* WALKER, Michael VODAFONE Group Plc
G: U: yes *MCC:* POPE, Maurice

[get it](#) *remarks - general:* TSG#7: Is a reference in 33.908. Was withdrawn, but reinstated at TSG#10.
remarks - this release: TSG#7: referred to in 33.908. Had been withdrawn, but reinstated at TSG#10. SA#13: 2001-09-23 withdrawn.

R99 **35** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/35_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.205	3G Security; Specification of the MILENAGE Algorithm Set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	current version: Document 1: General	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SAGE only supplied PDF, so no real deliverable yet available - SP-000630	get it	remarks - general:	ex SAGE. 2002-06: clarified that deliverable is TS not TR.		remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4
TS 35.206	3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;	R99	current version: Document 2: Algorithm specification	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SP-000673	get it	remarks - general:	ex SAGE		remarks - this release:	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	current version: Document 3: Implementors' test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SP-000630	get it	remarks - general:	ex SAGE		remarks - this release:	.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	current version: Document 4: Design conformance test data	none	WG (prime / other):	S3	/-	rapporteur:	WALKER, Michael
	VODAFONE Group Plc								
	freeze_meeting: SP-10			G:	U: yes	MCC:			POPE, Maurice
	history (event, available, version, SP-10 09/05/2001 3 . 0 . 0		SP-000630	get it	remarks - general:	ex SAGE		remarks - this release:	TSG#10:SP-000630, not to be published till OKed by Partners. TSG#11:changed to Rel-4

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R99 35 .- series
http://www.3gpp.org/ftp/Specs/archive/35_series

TS 35.209 3G Security; Specification of the MILENAGE algorithm set: An example algorithm Set for the 3GPP Authentication and Key Generation functions f1, f1*, f2, f3, f4, f5 and f5*;
R99 *current version:* Document 5: Summary and results of design and evaluation none *WG (prime / other):* S3 /- *rapporteur:* WALKER, Michael
VODAFONE Group Plc

freeze_meeting: SP-11 G: U: yes MCC: POPE, Maurice
history (event, available, version, SP-11 3 . 0 . 0

remarks - general: ex SAGE
remarks - this release: This turns out to be a report, so -> 35.909.

UMTS

UMTS 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.01U Work programme for the standarization of Universal Mobile Telecommunications System (UMTS)
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes *MCC:* N, A
history (event, available, version, smg-03 18/11/1994 3 . 0 . 0 *remarks - general:*
smg-18 21/05/1996 3 . 1 . 0 *remarks - this release:* .
smg-19 04/09/1996 3 . 2 . 0

TR 00.02U Coordination guideline for SMG on UMTS with respect to ITU and European research programmes
UMTS *current version:* none *WG (prime / other):* - / *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: yes *MCC:* N, A
history (event, available, version, smg-05 23/08/1993 3 . 0 . 0 *remarks - general:*
remarks - this release: .

UMTS 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.03U UMTS system requirements
UMTS *current version:* none *freeze_meeting:* *WG (prime / other):* SMG / - *rapporteur:* RICHARDS, Derek Megisto Systems Inc.
history (event, available, version, ETSI publication 15/05/1996 3 . 1 . 0 withdrawn *G: yes U:* *MCC:*
remarks - general: ETSI ETR 291 withdrawn.
remarks - this release: ETSI ETR 291, withdrawn.

TS 01.04U Scenarios and considerations for the introduction of the Universal Mobile Telecommunications System (UMTS)
UMTS *current version:* none *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, smg-19 28/09/1996 3 . 0 . 0 *G: yes U:* *MCC:* N, A
remarks - general:
remarks - this release: .

TR 01.05U System design methodology for the UMTS
UMTS *current version:* none *freeze_meeting:* *WG (prime / other):* SMG / - *rapporteur:* VACANT,
history (event, available, version, draft 05/03/1997 1 . 0 . 0 *G: yes U:* *MCC:*
remarks - general:
remarks - this release: .

UMTS 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.01U Framework for services to be supported by UMTS
UMTS *current version:* none *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, Suspended 10/04/1996 3 . 0 . 0 *G: yes U:* *MCC:* N, A
animation *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 21 .- series
http://www.3gpp.org/ftp/Specs/archive/21_series

UMTS 21 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/21_series

TR 21.01U Overall requirements on the radio interface(s) of the UMTS

UMTS *current version:* none *freeze_meeting:* WG (prime / other): GP / - *rapporteur:* MOULSLEY, Tim Philips Research Laboratories
G: U: *MCC:* USAI, Paolino
history (event, available, version, smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 28/11/1997 3 . 0 . 1 *remarks - this release:*

TR 21.02U High level requirements relevant for the definition of the UMTS Terrestrial Radio Access UTRA concept

UMTS *current version:* none *freeze_meeting:* WG (prime / other): GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
G: U: *MCC:* Peter Skov
history (event, available, version, smg-22 13/06/1997 3 . 0 . 0 *remarks - general:*
ETSI publication 03/11/1998 3 . 0 . 1 *remarks - this release:*

TS 21.04U Requirements for the support of data services in UMTS

UMTS *current version:* none *freeze_meeting:* WG (prime / other): - / - *rapporteur:* HOLLEY, Kevin mmO2 plc
G: U: *MCC:* N, A
history (event, available, version, draft 17/01/2000 1 . 0 . 0 *remarks - general:*
remarks - this release: #26: 0.0.2 or perhaps as 1.0.0

TR 21.06U O&M requirements for the UMTS

UMTS *current version:* none *freeze_meeting:* WG (prime / other): - / - *rapporteur:* WEICHSELBAUM, Vodafone D2 GmbH
G: U: *MCC:* Steffen
history (event, available, version, First complete 19/10/1997 1 . 0 . 0 *remarks - general:*
Milestone 1 19/12/1997 1 . 1 . 2 *remarks - this release:*
WG approval 17/02/1997 2 . 0 . 0
smg-25 20/03/1998 3 . 0 . 0

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

UMTS 22 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/22_series

TS 22.00U	UMTS Phase 1					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> VERRIER, David	France Telecom	
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					<i>remarks - general:</i>
	smg-27	1 . 0 . 0				<i>remarks - this release:</i>
	draft 24/11/1998	1 . 3 . 0				
TS 22.01U	Universal Mobile Telecommunications System (UMTS): Service aspects; Service principles					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> DWYER, Paul	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					<i>remarks - general:</i>
	smg-21	3 . 0 . 0				<i>remarks - this release:</i>
	smg-22	3 . 1 . 0				
	smg-24	3 . 2 . 1				
	smg-27 17/10/1998	3 . 3 . 0				
TS 22.05U	Services and service capabilities					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> PUGA PEREIRA, Emmanuel	France Telecom	
	<i>freeze_meeting:</i>		<i>G:</i> <i>U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					<i>remarks - general:</i>
	smg-25	3 . 0 . 0				<i>remarks - this release:</i>
	smg-26 01/07/1998	3 . 1 . 0				
TR 22.07U	UMTS terminal and smart card concepts					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> SMOLANDER, Jouni	NOKIA Corporation	
	<i>freeze_meeting:</i>		<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					<i>remarks - general:</i>
	smg-25	3 . 0 . 0				<i>remarks - this release:</i>
	smg-27	3 . 1 . 0				
	edito 29/10/1998	3 . 1 . 1				

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 22.21U	Virtual Home Environment	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): - / - G: U:	<i>rapporteur:</i> OGUNBEKUN, Jumoke <i>MCC:</i> N, A	FUJITSU Laboratories of Europe Limited	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 22.24U	Charging and Accounting Mechanism	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i> smg-25 28/05/1998 3 . 0 . 0	WG (prime / other): - / - G: U:	<i>rapporteur:</i> CHAMBERS, David <i>MCC:</i> N, A	MOTOROLA Ltd	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.0.0
TS 22.25U	Quality of Service (QoS) and network performance	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i> smg-25 28/05/1998 3 . 1 . 0	WG (prime / other): - / - G: U:	<i>rapporteur:</i> TIAINEN, Seppo <i>MCC:</i> N, A	TeliaSonera AB	<i>remarks - general:</i> <i>remarks - this release:</i> #25: 3.1.0
TS 22.29U	Handover Requirements between UMTS and GSM or other RadioSystems	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): - / - G: U:	<i>rapporteur:</i> COOPER, David <i>MCC:</i> N, A	Telecom Modus Limited	<i>remarks - general:</i> <i>remarks - this release:</i> .
TS 22.30U	Service requirements on security	UMTS	<i>current version:</i> none <i>freeze_meeting:</i> <i>history (event, available, version,</i>	WG (prime / other): - / - G: U:	<i>rapporteur:</i> N, A <i>MCC:</i> N, A	Indicate persons who left Company and wait for new One	<i>remarks - general:</i> <i>remarks - this release:</i> .

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 22.35U	Service requirements on numbering, addressing and identities					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	N, A	
						<i>remarks - general:</i>
						<i>remarks - this release: .</i>
<hr/>						
TS 22.40U	Charging, billing and accounting principles					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	N, A	
						<i>remarks - general:</i>
						<i>remarks - this release: .</i>
<hr/>						
TS 22.45U	Human Factors,service principles and their application to UMTS					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	N, A	
						<i>remarks - general:</i>
						<i>remarks - this release: .</i>
<hr/>						
TS 22.50U	Subscriber and service profile requirements					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	N, A	
						<i>remarks - general:</i>
						<i>remarks - this release: .</i>
<hr/>						
TS 22.55U	UMTS user identity modules					
UMTS	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>					
	<i>history (event, available, version,</i>	<i>G:</i>	<i>U:</i>	<i>MCC:</i>	N, A	
						<i>remarks - general:</i>
						<i>remarks - this release: .</i>

G = required in systems with GERAN acces; U = required in systems with UMTS

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					Server	WITHDRAWN specs	UMTS	22	.- series
TS 22.60U	Mobile multimedia services including mobile Intranet and Internet services								
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> AHNBERG, Tomas			Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>								
	smg-25 28/05/1998 3 . 0 . 0								<i>remarks - general:</i>
									<i>remarks - this release:</i> #25: 3.0.0
TS 22.70U	Virtual Home Environment								
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> OGUNBEKUN, Jumoke			FUJITSU Laboratories of Europe Limited
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>								
	smg-25 28/05/2001 3 . 0 . 0								<i>remarks - general:</i>
									<i>remarks - this release:</i> #25: 3.0.0
TS 22.71U	Service aspects; Automatic Establishment of Roaming Relationships								
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -		<i>rapporteur:</i>			
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A			
	<i>history (event, available, version,</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
TS 22.72U	Real Time Multimedia in UMTS								
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> FISCHER, Ralf			ROBERT BOSCH GmbH
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A			
	<i>history (event, available, version,</i>								
									<i>remarks - general:</i>
									<i>remarks - this release:</i> .
TS 22.75U	Service aspects; Advanced addressing								
UMTS	<i>current version:</i> none			<i>WG (prime / other):</i> - / -		<i>rapporteur:</i> KLEIER, Stephan			Vodafone D2 GmbH
	<i>freeze_meeting:</i>			<i>G:</i> <i>U:</i>		<i>MCC:</i> N, A			
	<i>history (event, available, version,</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

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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 *current version:* none
freeze_meeting:
history (event, available, version,
First complete 19/10/1997 1 . 0 . 2
WG approval 07/11/1997 2 . 0 . 0
Under TB change 20/03/1998 2 . 0 . 1
control.
Milestone 1 19/12/1997 2 . 0 . 1

WG (prime / other): - / - *rapporteur:* AXERUD, Bo
G: *U:* *MCC:* N, A

NOKIA TELECOMMUNICATIONS FINLAND

remarks - general:
remarks - this release: #24: 2.0.1

UMTS 23 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/23_series

TS 23.01U UMTS Network principles

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-27 24/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* OLSSON, Magnus
G: *U:* *MCC:* N, A

Telefon AB LM Ericsson

remarks - general:
remarks - this release: #27: for info

TS 23.05U UMTS Network principles

UMTS *current version:* none
freeze_meeting:
history (event, available, version,

WG (prime / other): - / - *rapporteur:*
G: *U:* *MCC:* N, A

remarks - general:
remarks - this release: .

TS 23.10U UMTS Access Stratum; Services and Functions

UMTS *current version:* none
freeze_meeting:
history (event, available, version,
smg-27 24/02/1999 3 . 0 . 0

WG (prime / other): - / - *rapporteur:* LOPEZ-TORRES, Oscar
G: *U:* *MCC:* N, A

T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: #27: for info

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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	<i>current version:</i> none		<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> JARVIS, Andre		3
	<i>freeze_meeting:</i>		G: U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version, smg-27</i>	1 . 0 . 0				
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> #27: for info		
TS 23.40U	UMTS Network Aspects; Relationship with UPT					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
TS 23.50U	UMTS Network Aspects; IN and B-ISDN concepts in a UMTS environment					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
TS 23.60U	UMTS Network Aspects; UMTS data organization					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		
TS 23.70U	UMTS Network Aspects; UMTS operations and procedures					
UMTS	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>		G: U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>					
				<i>remarks - general:</i>		
				<i>remarks - this release:</i> .		

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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: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 23.90U UMTS Network Aspects; Network performance requirements
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

TS 23.95U UMTS Network Aspects; Network functions relevant to satellites
UMTS *current version: none*
freeze_meeting:

history (event, available, version,

WG (prime / other): - / rapporteur: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

UMTS **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: N, A
G: U: MCC: N, A

remarks - general:
remarks - this release: .

Indicate persons who left Company and wait for new One

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 25 .- series
http://www.3gpp.org/ftp/Specs/archive/25_series

UMTS **25** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/25_series

TS 25.05U	UMTS Radio Aspects; Multiplexing and multiple access					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A			Indicate persons who left Company and wait for new One
	history (event, available, version,	G: U:	MCC: N, A			
			remarks - general:			
			remarks - this release: .			
<hr/>						
TS 25.10U	UMTS Radio Aspects; Channel coding					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A			Indicate persons who left Company and wait for new One
	history (event, available, version,	G: U:	MCC: N, A			
			remarks - general:			
			remarks - this release: .			
<hr/>						
TS 25.15U	UMTS Radio Aspects; Modulation					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A			Indicate persons who left Company and wait for new One
	history (event, available, version,	G: U:	MCC: N, A			
			remarks - general:			
			remarks - this release: .			
<hr/>						
TS 25.20U	UMTS Radio Aspects; Transmission and reception					
UMTS	current version: none freeze_meeting:	WG (prime / other): - /	rapporteur: N, A			Indicate persons who left Company and wait for new One
	history (event, available, version,	G: U: yes	MCC: N, A			
			remarks - general:			
			remarks - this release: .			

UMTS **26** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/26_series

G = required in systems with GERAN 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* *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, *G:* *U:* *MCC:* N, A
remarks - general:
remarks - this release: .

UMTS 27 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/27_series

TR 27.00U Principles for handling of data services in the UMTS

UMTS *current version: none* *freeze_meeting:* *WG (prime / other):* S5 / - *rapporteur:* GABE, Axel SIEMENS AG
history (event, available, version, *G:* *U:* *MCC:* ZOICAS, Adrian
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: none* *freeze_meeting:* *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
history (event, available, version, *G:* *U:* *MCC:* N, A
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

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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:* none *WG (prime / other):* - / - *rapporteur:* SAMUKIC, Antun ERICSSON S.A.
freeze_meeting: *G:* *U:* *MCC:* N, A
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:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TR 30.04U Definition of the limited number of UTRA concepts

UMTS *current version:* none *WG (prime / other):* GP / - *rapporteur:* ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: *G:* *U:* *MCC:* USAI, Paolino
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

TR 30.05U UMTS terminology

UMTS *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G:* *U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

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Server WITHDRAWN specs UMTS 30 .- series
http://www.3gpp.org/ftp/Specs/archive/30_series

TR 30.20U Technical characteristics, capabilities and limitations of mobile satellite systems applicable to the UMTS

UMTS *current version: none* WG (prime / other): - / - *rapporteur:* RAPELI, Juha PHILIPS CONSUMER COMMUNICATION
freeze_meeting: G: U: MCC: N, A

history (event, available, version,
Creation of WI by 13/06/1997 2 . 0 . 0 *remarks - general:*
WG/TB *remarks - this release: #24: 3.1.0*
TB approval 30/08/1997 3 . 0 . 0
smg-24 19/12/1997 3 . 1 . 0

UMTS **32** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/32_series

TR 32.01U Overall principles of the OAM for the UMTS

UMTS *current version: none* WG (prime / other): SMG / - *rapporteur:* SZELAZEK, Bill 3
freeze_meeting: G: U: yes MCC: SULTAN, Alain

history (event, available, version,
smg-22 1 . 0 . 0 *remarks - general:*
remarks - this release: No progress since SMG#22.

UMTS **33** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/33_series

TR 33.20U Security principles for the UMTS

UMTS *current version: none* WG (prime / other): - / - *rapporteur:*
freeze_meeting: G: U: MCC: N, A

history (event, available, version,
smg-19 13/06/1997 3 . 0 . 0 *remarks - general:*
remarks - this release: #19: 3.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs UMTS 33 .- series
http://www.3gpp.org/ftp/Specs/archive/33_series

TS 33.21U Security requirements

UMTS *current version:* none

freeze_meeting:

WG (prime / other): - / - *rapporteur:*
G: U: MCC: N, A

history (event, available, version,

draft	16/07/1998	0	.	1	.	0
draft	22/07/1998	0	.	1	.	1
draft	31/07/1998	0	.	1	.	2
smg-27	31/07/1998	1	.	0	.	0
draft	05/10/1998	1	.	0	.	1
draft	19/10/1998	1	.	0	.	2
draft	31/10/1998	1	.	0	.	3
draft	20/11/1998	1	.	0	.	4
draft	27/02/1999	1	.	1	.	0
smg-28	27/02/1999	2	.	0	.	0
smg-28		3	.	0	.	0
smg-27	21/02/1999	3	.	0	.	0

remarks - general:

remarks - this release: #27: for info

R98

R98

01 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG

R98 *current version:* none

freeze_meeting: smg-29

WG (prime / other): SP / - *rapporteur:* BERGMANN, Ansgar Deutsche Telekom AG
G: yes U: *MCC:* POPE, Maurice

history (event, available, version,

smg-27	16/10/1998	0	.	1	.	0
smg-28	12/02/1999	7	.	0	.	0
smg-29	25/06/1999	7	.	1	.	0
smg-30	11/11/1999	7	.	2	.	0

[get it](#) *remarks - general:*

[get it](#) *remarks - this release:*

[get it](#)

[get it](#)

SP-15: withdrawn since SMG and PT-SMG no longer exist.

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Server WITHDRAWN specs R98 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R98 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul Research In Motion Limited
G: yes U: *MCC:* CLAYTON, Michael

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R98 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,
TP-09 withdrawn 04/10/2000 7 . 0 . 0

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: *MCC:* RODERMUND, Friedhelm

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: need identified 2000-03-29 TSG#9:withdrawn cos contains misleading information/references

R98 04 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.33 Lawful interception; Stage 3

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

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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:* none *WG (prime / other):* - / - *rapporteur:* NAVARRO, William NORTEL NETWORKS (EUROPE)
freeze_meeting: smg-29 *G: yes U:* *MCC:* N, A

history (event, available, version,

draft	14/03/1997	0	.	0	.	0		get it	<i>remarks - general:</i>	replaced by 08.62
draft	16/02/1998	1	.	0	.	0		get it	<i>remarks - this release:</i>	#25: 1.0.0 for info #27: 1.6.0 for info
draft	27/03/1998	1	.	1	.	0		get it		
draft	13/07/1998	1	.	2	.	1		get it		
draft	31/07/1998	1	.	3	.	0		get it		
draft	17/09/1998	1	.	3	.	5		get it		
draft	18/09/1998	1	.	4	.	0		get it		
draft	28/09/1998	1	.	5	.	0		get it		
draft	05/10/1998	1	.	6	.	0		get it		

R98 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.57 Project scheduling and open issues: Mobile Station Execution Environment (MExE)

R98 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* RODERMUND, Vodafone D2 GmbH
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	<i>remarks - general:</i>	TSG#9:withdrawn cos contains misleading information/references
									<i>remarks - this release:</i>	TSG#9:withdrawn cos contains misleading information/references

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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:* none

freeze_meeting: smg-29

WG (prime / other): S1 / - *rapporteur:* GARAPATY, Sonia Nortel Networks (USA)

G: yes U: *MCC:* CLAYTON, Michael

history (event, available, version,

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:

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:* none
freeze_meeting: smg-29
history (event, available, version,
draft 08/02/1997 0 . 0 . 0
draft 24/03/1997 0 . 1 . 0
draft 27/03/1997 0 . 1 . 1
draft 09/04/1997 0 . 1 . 2
draft 07/05/1997 0 . 2 . 0
smg-22 10/06/1997 1 . 0 . 0
draft 19/06/1997 1 . 1 . 0
draft 09/07/1997 1 . 2 . 0
draft 10/09/1997 1 . 3 . 0
smg-23 10/10/1997 1 . 3 . 2
draft 22/10/1997 1 . 4 . 0
draft 02/12/1997 1 . 5 . 0
draft 04/06/1998 1 . 6 . 0
smg-25 10/03/1998 1 . 6 . 0 abandoned

WG (prime / other): S2 / - *rapporteur:* APRATH, Stefan
G: yes U: *MCC:* YOON, Sang-Ui

Vodafone D2 GmbH

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* July 2002: abandoned
[get it](#)
[get it](#)
[get it](#)
[get it](#)
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[get it](#)
[get it](#)
[get it](#)

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:* YOON, Sang-Ui

T-MOBILE DEUTSCHLAND

remarks - general:
remarks - this release: No draft ever produced.

TR 10.94 Follow Me supplementary service

R98 *current version:* none
freeze_meeting: smg-29
history (event, available, version,

WG (prime / other): SP / - *rapporteur:* POSTMANN, Erwin
G: yes U: *MCC:* POPE, Maurice

SIEMENS AG

remarks - general:
remarks - this release: No draft ever produced.

R98

11 .- series

Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server WITHDRAWN specs R98 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2	Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification				
R98	<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	TELEPLUS LIMITED	
	<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 11.10-3	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	TELEPLUS LIMITED	
	<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: Subscriber Interface Module (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	TELEPLUS LIMITED	
	<i>history (event, available, version,</i> GP-13 21/02/2003 7 . 0 . 0	G: yes U:	MCC: SALMERON, Lidia		
	from G5, and to approve a new R99 version not derived from R96		get it <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 by CR; also to withdraw the R96 version, since the R99 version will cover all previous Releases.		

R97

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R97 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

R97 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00	Working Procedures for SMG and PT SMG				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> SP / - G: yes U:	<i>rapporteur:</i> BERGMANN, Ansgar MCC: POPE, Maurice	Deutsche Telekom AG	
				<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release.	
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / - G: yes U:	<i>rapporteur:</i> WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One	
				<i>remarks - general:</i> <i>remarks - this release:</i> No spec this version.	

R97 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / G: yes U:	<i>rapporteur:</i> WRIGHT, Tim MCC: POPE, Maurice	Indicate persons who left Company and wait for new One	
				<i>remarks - general:</i> <i>remarks - this release:</i> No spec this Release	
TS 02.33	Lawful Interception (LI); Stage 1				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26 <i>history (event, available, version,</i>	<i>WG (prime / other):</i> S3 / G: yes U:	<i>rapporteur:</i> MCKIBBEN, Bernie MCC: POPE, Maurice	MOTOROLA GmbH	
				<i>remarks - general:</i> <i>remarks - this release:</i> (No spec this Release)	

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Server WITHDRAWN specs R97 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.38 SIM application toolkit (SAT); Stage 1

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,

WG (prime / other): S1 / SCP *rapporteur:* CARPENTER, Paul
G: yes U: MCC: CLAYTON, Michael

Research In Motion Limited

remarks - general: Moved from T3 Jan-00.
remarks - this release: Place holder - no spec.

R97 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
N /
T2

G: yes U: MCC: KYMALAINEN, Kimmo

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 (To be withdrawn)

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
G: yes U: MCC: RODERMUND, Friedhelm

history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

[get it](#) *remarks - general:* TSG#9:withdrawn cos contains misleading information/references
remarks - this release: #27: 6.0.0TSG#9:withdrawn cos contains misleading information/references

TS 03.61 General Packet Radio Service (GPRS); Point To Multipoint Multicast Service Description; Stage 2

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): - / - *rapporteur:* NAPER, Hans Petter MOTOROLA GmbH
G: yes U: MCC: N, A

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: .

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Server WITHDRAWN specs R97 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

R97 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.64 GPRS support node - BSS protocol (SGSN_BSS) interface; BSSGP layer 3
R97 *current version:* none *WG (prime / other):* - / *rapporteur:* LESKE, John SCANDEW PTY Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A
history (event, available, version,
First complete 15/07/1996 1 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: .

R97 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TR 09.90 Interworking between Phase 1 Infrastructure and Phase 2 Mobile Stations (MS)
R97 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: smg-26 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0 [get it](#) *remarks - general:*
remarks - this release: #27: 6.0.0 #32:withdrawn

R97 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.01 GSM features and releases
R97 *current version:* none *WG (prime / other):* - / - *rapporteur:* N, A Indicate persons who left Company and wait for new
freeze_meeting: smg-26 *G: yes U:* *MCC:* N, A One
history (event, available, version,
draft 23/10/1997 0 . 0 . 2 [get it](#) *remarks - general:* 2001-11-20: stopped - obviously no interest!
remarks - this release: .

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Server WITHDRAWN specs R97 10 .- series
http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.17 General Packet Radio Service (GPRS); Charging in GPRS

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-25 20/03/1998 1 . 0 . 0

WG (prime / other): - / - *rapporteur:* HEATON, Graham Aether Systems Inc.
G: yes U: *MCC:* N, A

[get it](#) *remarks - general:* Scrapped.
remarks - this release: #25: 1.0.0 #26: replaced by 12.15 or 12.04 (v7)

TR 10.20 Lawful Interception requirements for GSM

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-27 16/10/1998 6 . 0 . 0

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.
remarks - this release: SMG#27:6.0.0; replaced by 01.33

TS 10.60 General Packet Radio Services (GPRS); Project Scheduling and Open Issues

R97 *current version:* none
freeze_meeting: smg-26
history (event, available, version,
smg-25 6 . 0 . 0

WG (prime / other): S2 / - *rapporteur:* YOON, Sang-Ui
G: yes U: *MCC:*

remarks - general:
remarks - this release:

R97 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-2 Mobile station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

R97 *current version:* none
freeze_meeting: smg-26

WG (prime / other): G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
NP /
T2 /
SCP
/ G4

G: yes U: *MCC:* SALMERON, Lidia

history (event, available, version,

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

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Server WITHDRAWN specs R97 11 .- series
http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.10-3	Mobile Station (MS) conformance specification; Part 3: Layer3 (L3) Abstract Test Suite (ATS)				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G5 / S1 / NP / T2 / SCP / G4	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version,</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).		
<hr/>					
TS 11.10-4	Mobile Station (MS) conformance specification; Part 4: Subscriber Interface Module (SIM) application toolkit conformance specification				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G5 / G4, T3	<i>rapporteur:</i> SALMERON, Lidia	TELEPLUS LIMITED	
	<i>history (event, available, version,</i>	G: yes U:	MCC: SALMERON, Lidia		
	GP-13 21/02/2003 6 . 0 . 0	get it	<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.		
<hr/>					
TS 11.21	Base Station System (BSS) equipment specification; Radio aspects				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> G3 / -	<i>rapporteur:</i> VACANT,		
	<i>history (event, available, version,</i>	G: yes U:	MCC: USAI, Paolino		
	GP-09 06/05/2002 6 . 0 . 0 not produced post smg-27; withdrawn GP-12 6 . 1 . 0 CRs unimplementable; spec is	get it	<i>remarks - general:</i> <i>remarks - this release:</i> #27:6.0.0 (Rodermund: not required [Aug-00]). GP-09 (Usai) resurrected. GP-12 (Usai): scrapped again.		
<hr/>					
TS 11.56	CTS phase 1, CTS Fixed Part Tests				
R97	<i>current version:</i> none <i>freeze_meeting:</i> smg-26	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> MATTISSON, Leif	Telefon AB LM Ericsson	
	<i>history (event, available, version,</i>	G: yes U:	MCC: N, A		
			<i>remarks - general:</i> <i>remarks - this release:</i> .		

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Server WITHDRAWN specs R97 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

R97 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R97
current version: none
freeze_meeting: smg-26

WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael MOTOROLA Ltd
NP
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 / rapporteur: TOCHE, Christian NORTEL NETWORKS (EUROPE)
NP
G: yes U: MCC: ZOICAS, Adrian

history (event, available, version,

remarks - general:
remarks - this release: No spec.

R96

R96 01 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/01_series

TR 01.00 Working Procedures for SMG and PT SMG
R96
current version: none
freeze_meeting: smg-22

WG (prime / other): SP / - rapporteur: BERGMANN, Ansgar Deutsche Telekom AG
G: yes U: MCC: POPE, Maurice

history (event, available, version,

smg-17 02/02/1996 5 . 0 . 0
smg-19 28/06/1996 5 . 1 . 0
smg-25 20/03/1998 5 . 2 . 0

[get it](#) remarks - general:
[get it](#) remarks - this release:
[get it](#)

SP-15: withdrawn since SMG and
PT-SMG no longer exist.

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					Server	WITHDRAWN specs R96 01 .- series http://www.3gpp.org/ftp/Specs/archive/01_series
TR 01.31	Fraud Information Gathering System (FIGS); Service requirements; Stage 0					
R96	<i>current version:</i> none	<i>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>history (event, available, version,</i>	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	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 (RLL) using GSM					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SMG /	<i>rapporteur:</i> CLAYTON, Michael			EMCOM Ltd
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>	get it	<i>remarks - general:</i>			
	draft 07/11/1995 1 . 0 . 0		<i>remarks - this release:</i> .			
TR 01.51	Dual mode of operation and roaming					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> SMG / -	<i>rapporteur:</i> VACANT,			
	<i>freeze_meeting:</i> SP-11	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>		<i>remarks - general:</i>			
			<i>remarks - this release:</i> .			
TS 01.61	General Packet Radio Service (GPRS); GPRS ciphering algorithm requirements					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S3 / -	<i>rapporteur:</i> WALKER, Michael			VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> POPE, Maurice			
	<i>history (event, available, version,</i>		<i>remarks - general:</i>			
	smg-23 5 . 0 . 0 SMG-25 withdrawn		<i>remarks - this release:</i> #25: withdrawn			
TS 01.78	Customized Applications for Mobile networks using Enhanced Logic (CAMEL); Stage 0					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i>			
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<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

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): - / G: yes U:	rapporteur: SCHMIDT, Günter MCC: N, A	DETEMOBIL GMBH	remarks - general: remarks - this release: .
TS 02.25	GSM - DCS roaming: Requirements and Stage 1 descriptions				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: LE ROUX, Alain MCC: N, A	France Telecom	remarks - general: remarks - this release: .
TS 02.26	Operation of multi-band GSM/DCS 1800 network by a single operator				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: LJUNGGREN, Tommy MCC: N, A	Northstream AB	remarks - general: remarks - this release: .
TS 02.27	DECT access to GSM networks				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: CONRAD, Alan MCC: N, A	T-MOBILE DEUTSCHLAND	remarks - general: remarks - this release: .
TS 02.28	UPT phase 1				
R96	current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: KOSYDAR, L MCC: N, A	Indicate persons who left Company and wait for new One	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 02.29	Inter operation with UPT phase 2				
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i>	
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
TS 02.31	Fraud Information Gathering System (FIGS); Service description; Stage 1				
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> WRIGHT, Tim	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	POPE, Maurice
	<i>history (event, available, version,</i>				
	draft 13/05/1997 1 . 0 . 0		get it	<i>remarks - general:</i>	
	draft 01/10/1997 2 . 0 . 0		get it	<i>remarks - this release:</i>	#26: withdrawn
	smg-23 17/10/1997 5 . 0 . 0	withdrawn	get it		
<hr/>					
TS 02.33	Lawful Interception (LI); Stage 1				
R96	<i>current version:</i> none		<i>WG (prime / other):</i> S3 /	<i>rapporteur:</i> MCKIBBEN, Bernie	MOTOROLA GmbH
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	POPE, Maurice
	<i>history (event, available, version,</i>				
	smg-19 1 . 0 . 0			<i>remarks - general:</i>	
	smg-20 2 . 0 . 0			<i>remarks - this release:</i>	
	smg-20 11/10/1996 5 . 0 . 0	withdrawn SMG-25	get it		
<hr/>					
TS 02.35	Universal access to freephone numbers; Stage 1				
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> COX, Alan	VODAFONE Group Plc
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A
	<i>history (event, available, version,</i>				
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	
<hr/>					
TS 02.36	Premium rate services; Stage 1				
R96	<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i>	
	<i>freeze_meeting:</i> smg-22		G: yes U:	MCC:	N, A
	<i>history (event, available, version,</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 02.37	ISDN based DECT/GSM Interworking	R96 current version: none freeze_meeting: smg-22 history (event, available, version,	WG (prime / other): - / G: yes U:	rapporteur: BERGMANN, Ansgar MCC: N, A	Deutsche Telekom AG	remarks - general: remarks - this release: .
TS 02.38	SIM application toolkit (SAT); Stage 1	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-29 1 . 0 . 0	WG (prime / other): S1 / SCP G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	remarks - general: Moved from T3 Jan-00. remarks - this release:
TS 02.53	Tandem Free Operation (TFO); Service description; Stage 1	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-23 5 . 0 . 0 smg-24 5 . 1 . 0 withdrawn SMG-25	WG (prime / other): S4 / G: yes U:	rapporteur: NAVARRO, William MCC: USAI, Paolino	NORTEL NETWORKS (EUROPE)	remarks - general: SMG11->S4 at SMG#30 remarks - this release:
TS 02.60	General Packet Radio Service Stage 1 Description	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-21 14/02/1997 5 . 0 . 0 smg-23 17/10/1997 5 . 1 . 0 smg-24 19/12/1997 5 . 2 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: CARPENTER, Paul MCC: CLAYTON, Michael	Research In Motion Limited	get it remarks - general: get it remarks - this release: #21: 5.0.0 #23: 5.1.0 #24: 5.2.0 #25: withdrawn get it
TS 02.66	Support of Mobile Number Portability (MNP); Service description; Stage 1	R96 current version: none freeze_meeting: smg-22 history (event, available, version, smg-24 19/12/1997 5 . 0 . 0	WG (prime / other): S1 / - G: yes U:	rapporteur: VACANT, MCC: CLAYTON, Michael		get it remarks - general: remarks - this release: #24: 5.0.0 @25: withdrawn

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.72	Call Deflection Service description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> HABERMANN, Steffen	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-19 28/06/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
			<i>remarks - this release:</i> #19: 5.0.0 #25: withdrawn		
<hr/>					
TS 02.73	Malicious Call Identification (MCID); Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 02.77	Emergency call TS12 with additional data transfer				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 02.87	User-to-User Signalling (UUS) Service Description; Stage 1				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CONRAD, Alan	T-MOBILE DEUTSCHLAND	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael		
	<i>history (event, available, version,</i>				
	smg-18 12/04/1996 5 . 0 . 0	get it	<i>remarks - general:</i>		
	smg-20 11/10/1996 5 . 1 . 0	get it	<i>remarks - this release:</i> #18: 5.0.0 #20: 5.1.0 #21: 5.2.0 #23: 5.3.0 #25: withdrawn		
	smg-21 14/02/1997 5 . 2 . 0	get it			
	edito 19/01/1996 5 . 2 . 1	get it			
	smg-23 17/10/1997 5 . 3 . 0	get it			
<hr/>					
TS 02.92	Call Forward Enhancements (CFE) - Stage 1 description				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> RENAUD, Nicolas	GEMPLUS Card International	
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		

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Server WITHDRAWN specs R96 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.93	Completion of Calls to Busy Subscriber (CCBS) Service Description; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-16	5 . 0 . 0			<i>remarks - general:</i>	
	smg-19	5 . 1 . 0			<i>remarks - this release:</i> #16: 5.0.0 #19: 5.1.0 #20: 5.2.0 #22: 5.3.0 #23: 5.4.0 #24: 5.5.0 #25: withdrawn	
	smg-20	5 . 2 . 0				
	smg-22	5 . 3 . 0				
	smg-23	5 . 4 . 0				
	smg-24	5 . 5 . 0				

TS 02.96	Name Identification Supplementary Services; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> GARAPATY, Sonia	Nortel Networks (USA)		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-24	5 . 0 . 0			<i>remarks - general:</i>	
					<i>remarks - this release:</i> #24: 5.0.0 #25: withdrawn	

TS 02.97	Multiple Subscriber Profile (MSP) Service description, Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S1 / -	<i>rapporteur:</i> CLAYTON, Michael	EMCOM Ltd		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> CLAYTON, Michael			
	<i>history (event, available, version,</i>					
	smg-19 28/06/1996	5 . 0 . 0	get it		<i>remarks - general:</i>	
	smg-22 13/06/1997	5 . 1 . 0	get it		<i>remarks - this release:</i> #19: 5.0.0 #22: 5.1.0 #23: 5.2.0 #25: withdrawn	
	ETSI publication 15/09/1997	5 . 1 . 1	get it			
	smg-23 17/10/1997	5 . 2 . 0	get it			

TS 02.98	New barring services; Stage 1					
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SCHMIDT, Günter	DETEMOBIL GMBH		
	<i>freeze_meeting:</i> smg-22	<i>G: yes U:</i>	<i>MCC:</i> N, A			
	<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): - / *rapporteur:* CHAPMAN, Neil
G: yes U: *MCC:* N, A

ORANGE PCS LTD

remarks - general:
remarks - this release: .

R96 03 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.04 Signalling Requirements Relating to Routing of Calls to Mobile Subscribers

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): N4 / SPA *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
N /
T2

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 (To be withdrawn)

TS 03.17 Technical realization of Exchange of Network Capabilities Information (ENCI); Stage 2

R96 *current version:* none
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur:* APRATH, Stefan Vodafone D2 GmbH
G: yes U: *MCC:* N, A

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): - / *rapporteur:*
G: yes U: *MCC:* N, A

history (event, available, version,

remarks - general:
remarks - this release: .

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39	Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> T2 / -	<i>rapporteur:</i> HARRIS, Ian	Teleca Limited	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> RODERMUND, Friedhelm		
	<i>history (event, available, version,</i>				
	TP-09 (Withdrawn) 28/09/2000 5 . 0 . 0	get it	<i>remarks - general:</i> TSG#9:withdrawn cos contains misleading information/references		
	smg-20 11/10/1996 5 . 0 . 0	get it	<i>remarks - this release:</i> #20: 5.0.0TSG#9:withdrawn cos contains misleading information/references		
<hr/>					
TS 03.60	General Packet Radio Service (GPRS) Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> S2 / -	<i>rapporteur:</i> ZHAO, Yilin	MOTOROLA Ltd	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> YOON, Sang-Ui		
	<i>history (event, available, version,</i>				
	smg-23 5 . 0 . 0		<i>remarks - general:</i>		
	smg-24 5 . 1 . 0		<i>remarks - this release:</i> .		
	smg-25 5 . 2 . 0				
	smg-25 5 . 3 . 0	withdrawn, SMG-25			
<hr/>					
TS 03.64	General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> G1 / -	<i>rapporteur:</i> LEPPISAARI, Arto	NOKIA Corporation	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> USAI, Paolino		
	<i>history (event, available, version,</i>				
	smg-23 5 . 1 . 0		<i>remarks - general:</i>		
	smg-24 5 . 2 . 0	withdrawn SMG-25	<i>remarks - this release:</i> .		
<hr/>					
TS 03.94	Follow Me Service description; Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - / -	<i>rapporteur:</i> WIEHE, Ulrich	Gesellschaft für Kommunikations Software	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> .		
<hr/>					
TS 03.95	Support of Private Numbering Plan (SPNP); Stage 2				
R96	<i>current version:</i> none	<i>WG (prime / other):</i> - /	<i>rapporteur:</i> SHARP, Iain	NORTEL NETWORKS (EUROPE)	
	<i>freeze_meeting:</i> smg-22	G: yes U:	<i>MCC:</i> N, A		
	<i>history (event, available, version,</i>				
			<i>remarks - general:</i>		
			<i>remarks - this release:</i> Scrapped Jan 98.		

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Server WITHDRAWN specs R96 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

TS 03.98 New barring services; Stage 2 description

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:* VAN DER AREND,
G: yes U: *MCC:* N, A

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:* N, A

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:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 04.64 General Packet Radio Service (GPRS); Mobile Station - Serving GPRS Support Node (MS-SGSN) Logical Link Control (LLC) layer specification

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0
smg-24 19/12/1997 5 . 1 . 0

WG (prime / other): N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
G: yes U: *MCC:* JORGENSEN, Per Johan

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* #25: withdrawn

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Server WITHDRAWN specs R96 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.65 General Packet Radio Service (GPRS); Mobile Station (MS) - Serving GPRS Support Node (SGSN); Subnetwork Dependent Convergence Protocol (SNDCP)
R96 *current version:* none *WG (prime / other):* N1 / - *rapporteur:* DOIG, Ian MOTOROLA S.A.S
freeze_meeting: smg-22 *G: yes U:* *MCC:* JORGENSEN, Per Johan
history (event, available, version,
smg-23 17/10/1997 5 . 0 . 0 [get it](#) *remarks - general:* 24.065 existed, but scrapped since 04.65 is GSM only.
smg-24 19/12/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25:withdrawn

TS 04.70 Payphone services - stage 3
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* CLAYTON, Michael EMCOM Ltd
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.73 Malicious Call Identification (MCID); Stage 3
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.78 Customised Applications for Mobile network Enhanced Logic (CAMEL); Stage 3
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
history (event, available, version,
remarks - general:
remarks - this release: .

TS 04.79 Support of optimal routing; Stage 3
R96 *current version:* none *WG (prime / other):* - / *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* *MCC:* N, A
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 04 .- series
http://www.3gpp.org/ftp/Specs/archive/04_series

TS 04.98 New barring services; Stage 3

R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur: VAN DER AREND,*
G: yes U: MCC: N, A

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): - / *rapporteur: VAN DER AREND,*
G: yes U: MCC: N, A

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): - / *rapporteur: VOSKAR, Paul*
G: yes U: MCC: N, A

NOKIA UK Ltd

remarks - general:
remarks - this release: .

TS 05.18 Hands free mobile station

R96 *current version: none*
freeze_meeting: smg-22

WG (prime / other): - / *rapporteur: ANDERSEN, Niels*
G: yes U: MCC: Peter Skov
N, A

MOTOROLA A/S

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 05 .- series
http://www.3gpp.org/ftp/Specs/archive/05_series

TS 05.19 Service to GSM handportables in trains
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur: WILTSHIRE, Timothy* Indicate persons who left Company and wait for new
G: yes U: *MCC: Robin* One
N, A
remarks - general:
remarks - this release: .

TR 05.20 Fast moving Mobile Station (study)
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur: REINER, Michaël* Eads Telecom Deutschland GmbH
G: yes U: *MCC: N, A*
remarks - general:
remarks - this release: .

TS 05.30 General packet radio service requirements
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur: CONRAD, Alan* T-MOBILE DEUTSCHLAND
G: yes U: *MCC: N, A*
remarks - general:
remarks - this release: .

R96 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.57 Mobile Station Application Execution Environment (MExE); Stage 3
R96 *current version: none*
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur: CANDISH, John* Xtempus Ltd
G: yes U: *MCC: N, A*
remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs R96 08 .- series
http://www.3gpp.org/ftp/Specs/archive/08_series

R96 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.14 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb Interface Layer 1
R96 current version: none WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, smg-24 5 . 0 . 0 smg-26: withdrawn remarks - general:
remarks - this release: .

TS 08.16 General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) Interface; Network Service
R96 current version: none WG (prime / other): G2 / - rapporteur: ANDERSEN, Niels MOTOROLA A/S
freeze_meeting: smg-22 G: yes U: MCC: THOMASEN, Gert
history (event, available, version, smg-24 19/12/1997 5 . 0 . 0 SMG-25: withdrawn [get it](#) remarks - general:
remarks - this release: .

R96 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.12 Application of ISUP Version 2 for the ISDN-PLMN (GSM) Signalling
R96 current version: none WG (prime / other): SPA / N4 rapporteur: HÄNDIG, Peter Telia Mobile AB
freeze_meeting: smg-22 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) [get it](#)
SPS1 approval 21/05/1999 5 . 3 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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WITHDRAWN specs R96 09 .- series
Server http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.20 Support of Shared Data Interworking Function

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,

WG (prime / other): - / *rapporteur:*
G: yes U: *MCC:* N, A

remarks - general:
remarks - this release: .

TS 09.60 General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp Interface

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-24 19/12/1997 5 . 0 . 0

WG (prime / other): N4 / - *rapporteur:* KYMALAINEN, Kimmo TeliaSonera AB
G: yes U: *MCC:* KYMALAINEN, Kimmo

[get it](#) *remarks - general:*
remarks - this release: #24: 5.0.0 #25: withdrawn

R96 10 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/10_series

TR 10.20 Lawful Interception requirements for GSM

R96 *current version:* none
freeze_meeting: smg-22
history (event, available, version,
smg-20 11/10/1996 5 . 0 . 0
ETSI publication 20/01/1997 5 . 0 . 1

WG (prime / other): S3 / - *rapporteur:* MCKIBBEN, Bernie MOTOROLA GmbH
G: yes U: *MCC:* POPE, Maurice

[get it](#) *remarks - general:* Replaced by 01.33.
[get it](#) *remarks - this release:* SMG#20:5.0.0

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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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 *current version:* none *WG (prime / other):* S2 / - *rapporteur:*
freeze_meeting: smg-22 *G: yes U:* MCC: YOON, Sang-Ui
history (event, available, version,
smg-21 14/02/1997 5 . 0 . 0 [get it](#) *remarks - general:*
smg-22 13/06/1997 5 . 1 . 0 [get it](#) *remarks - this release:* #25: (5.x.y withdrawn)
smg-24 08/10/1997 5 . 2 . 0 [get it](#)
draft 28/10/1997 5 . 2 . 1 [get it](#)
draft 10/12/1998 5 . 3 . 0 [get it](#)
smg-24 20/12/1997 5 . 3 . 1 [get it](#)
draft 05/02/1998 5 . 3 . 2 [get it](#)
draft 12/02/1998 5 . 3 . 3 [get it](#)
draft 15/02/1998 5 . 3 . 4 [get it](#)
draft 15/03/1998 5 . 3 . 5 [get it](#)
draft 05/03/1998 5 . 4 . 0 [get it](#)
smg-25 15/03/1998 5 . 4 . 1 [get it](#)
draft 06/04/1998 5 . 4 . 2 [get it](#)

TR 10.66 Support of Mobile Number Portability (MNP); Project plan

R96 *current version:* none *WG (prime / other):* S1 / - *rapporteur:* TARAZI, Roger EDP Telecom
freeze_meeting: smg-22 *G: yes U:* MCC: CLAYTON, Michael
history (event, available, version,
smg-21 5 . 0 . 0 *remarks - general:*
remarks - this release: .

TR 10.68 Introduction to the services: enhanced Multi-Level Precedence and Pre-emption (eMLPP), Voice Group Call Service (VGCS), Voice Broadcast Service (VBS)

R96 *current version:* none *WG (prime / other):* S2 / - *rapporteur:* VAN DER AREND, Koninklijke KPN N.V.
freeze_meeting: smg-22 *G: yes U:* MCC: YOON, Sang-Ui
history (event, available, version,
smg-21 5 . 0 . 0 abandoned *remarks - general:*
remarks - this release: May-2000: spec never produced; Sultan investigating the need. July-2001: scrap.

R96 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

G = required in systems with GERAN acces; U = required in systems with UMTS

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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 *WG (prime / other):* G5 / S1 / *rapporteur:* SALMERON, Lidia TELEPLUS LIMITED
freeze_meeting: smg-22 NP /
T2 /
SCP
/ G4

history (event, available, version, G: yes U: MCC: SALMERON, Lidia

remarks - general: 2001-11-19: G4->G5.
remarks - this release: Place holder; no draft ever produced (refer to Phase 2 version).

TS 11.12 Specification on the 3 volt subscriber identity module Equipment (SIM-ME) Interface
R96 *current version:* none *WG (prime / other):* T3 / - *rapporteur:* LINDHOLM, Rune NOKIA MOBILE PHONES
freeze_meeting: smg-22 G: yes U: MCC: DIETZE, Claus

history (event, available, version, 25/01/1996 5 . 0 . 0 SMG-16: withdrawn [get it](#) *remarks - general:*
remarks - this release: #16: 5.0.0 withdrawn

TS 11.21 Base Station System (BSS) equipment specification; Radio aspects
R96 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: smg-22 G: yes U: MCC: USAI, Paolino

history (event, available, version,

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	withdrawn

R96 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 WITHDRAWN specs R96 12 .- series
http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.03 Security Management
R96
current version: none
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): S5 / S1 / rapporteur: TRUSS, Michael
NP
G: yes U: MCC: ZOICAS, Adrian

MOTOROLA Ltd

remarks - general:
remarks - this release: No spec.

TS 12.04 Performance data measurements
R96
current version: none
freeze_meeting: smg-22

history (event, available, version,

WG (prime / other): S5 / S1 / rapporteur: TOCHE, Christian
NP
G: yes U: MCC: ZOICAS, Adrian

NORTEL NETWORKS (EUROPE)

remarks - general:
remarks - this release: No spec

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.

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 01 .- series
http://www.3gpp.org/ftp/Specs/archive/01_series

TS 01.06 Service implementation phases and possible further phases in the GSM PLMN
Ph2 *current version: none* *WG (prime / other): - / -* *rapporteur: TWINGLER, Jonas* Northstream AB
freeze_meeting: *G: yes U:* *MCC: N, A*
history (event, available, version,
remarks - general:
remarks - this release: .

TS 01.07 Updating procedure for GSM Recommendations
Ph2 *current version: none* *WG (prime / other): - / -* *rapporteur: TWINGLER, Jonas* Northstream AB
freeze_meeting: *G: yes U:* *MCC: N, A*
history (event, available, version,
remarks - general:
remarks - this release: .

Ph2 **02** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.08 Quality of Service (QoS) / GSM system performance
Ph2 *current version: none* *WG (prime / other): - / -* *rapporteur: TWINGLER, Jonas* Northstream AB
freeze_meeting: *G: yes U:* *MCC: N, A*
history (event, available, version,
draft 21/08/1995 0 . 1 . 0 [get it](#) *remarks - general:*
draft 01/06/1994 4 . 0 . 0 [get it](#) *remarks - this release: #16: withdrawn*

Ph2 **03** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/03_series

TR 03.39 Digital Cellular Telecommunications System (Phase 2) Interface Protocols for the Connection of Short Message Service Centers (SMSCs) to Short Message Entities (SMEs)
Ph2 *current version: none* *WG (prime / other): T2 / -* *rapporteur: HARRIS, Ian* Teleca Limited
freeze_meeting: *G: yes U:* *MCC: RODERMUND, Friedhelm*
history (event, available, version,
smg-16 20/10/1995 4 . 0 . 0 [get it](#) *remarks - general: TSG#9:withdrawn cos contains misleading information/references*
remarks - this release: #16: 4.0.0 TSG#9:withdrawn cos contains misleading information/references

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph2 03 .- series
http://www.3gpp.org/ftp/Specs/archive/03_series

Ph2 07 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/07_series

TS 07.06 Use of the V Series Data Terminal Equipment - Data Circuit Terminating Equipment (DTE-DCE) Interface at the Mobile Station (MS) for Mobile Termination (MT) configuration

Ph2 *current version:* none *WG (prime / other):* T2 / - *rapporteur:* HARRIS, Ian Teleca Limited
freeze_meeting: *G:* yes *U:* *MCC:* RODERMUND, Friedhelm
history (event, available, version,
ETSI publication 13/09/1994 4 . 1 . 2 [get it](#) *remarks - general:*
ETSI OAP 06/03/1995 4 . 2 . 0 [get it](#) *remarks - this release:* #7: 4.1.0 #13: 4.2.0 #15: withdrawn
ETSI publication 01/08/1995 4 . 2 . 1 [get it](#)

Ph2 08 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/08_series

TS 08.59 BSC-BTS O&M Signalling Transport

Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT, USAI, Paolino
freeze_meeting: *G:* yes *U:* *MCC:*
history (event, available, version,
remarks - general:
remarks - this release:

Ph2 09 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/09_series

TS 09.92 GSM Phase 1 Mobile Station interworking with Phase 2 Networks

Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* TWINGLER, Jonas Northstream AB
freeze_meeting: *G:* yes *U:* *MCC:* N, A
history (event, available, version,
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 Ph2 09 .- series
http://www.3gpp.org/ftp/Specs/archive/09_series

Ph2 11 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.16 Conformity Specifications for Transparent Facsimile Group 3 Adaptors

Ph2 *current version:* none *WG (prime / other):* - / *rapporteur:* HOWELL, Andrew MOTOROLA Ltd
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version,

remarks - general:
remarks - this release: .

TS 11.25 The GSM Base Station System (BSS) Equipment specification Half-rate speech

Ph2 *current version:* none *WG (prime / other):* G3 / - *rapporteur:* VACANT,
freeze_meeting: *G: yes U:* *MCC:* USAI, Paolino
history (event, available, version,

remarks - general:
remarks - this release: (no such spec)

Ph2 12 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/12_series

TS 12.07 Public Land Mobile Network (PLMN) Quality of Service (QoS)

Ph2 *current version:* none *WG (prime / other):* - / - *rapporteur:*
freeze_meeting: *G: yes U:* *MCC:* N, A
history (event, available, version,
draft 0 . 0 . 0

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 00 .- series
http://www.3gpp.org/ftp/Specs/archive/00_series

Ph1

Ph1 00 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/00_series

TR 00.02 Voice group call service study (UIC project)
Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, *G: yes U: MCC: N, A*
remarks - general:
remarks - this release: .

Ph1 02 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.05 Simultaneous and Alternate Use of Services
Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* - / *rapporteur:* N, A Indicate persons who left Company and wait for new One
history (event, available, version, *G: yes U: MCC: N, A*
smg-01 06/05/1992 3 . 0 . 2 [get it](#) *remarks - general:* MoU
remarks - this release: .

TS 02.08 Quality of Service (QoS) / GSM system performance
Ph1 *current version:* none *freeze_meeting:* *WG (prime / other):* - / - *rapporteur:* TWINGLER, Jonas Northstream AB
history (event, available, version, *G: yes U: MCC: N, A*
25/08/1995 0 . 2 . 0 [get it](#) *remarks - general:*
06/10/1995 0 . 2 . 1 [get it](#) *remarks - this release:* .
10/05/1994 3 . 0 . 0 [get it](#)
10/05/1994 3 . 0 . 1 [get it](#)

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.10	Provision of Telecommunication Services					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.12	Licensing					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.13	Subscription to the Services of a GSM PLMN					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- / -	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.14	Service Directory					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	
<hr/>						
TS 02.15	Circulation of mobile stations					
Ph1	<i>current version: none</i>	<i>WG (prime / other):</i>	- /	<i>rapporteur:</i>	N, A	Indicate persons who left Company and wait for new One
	<i>freeze_meeting:</i>	<i>G: yes</i>	<i>U:</i>	<i>MCC:</i>	N, A	
	<i>history (event, available, version,</i>			<i>remarks - general:</i>		
				<i>remarks - this release:</i>	.	

G = required in systems with GERAN acces; U = required in systems with UMTS

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Server WITHDRAWN specs Ph1 02 .- series
http://www.3gpp.org/ftp/Specs/archive/02_series

TS 02.21 Transferred account procedure and billing information

Ph1 *current version:* none
freeze_meeting:

WG (prime / other): S2 / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* YOON, Sang-Ui

history (event, available, version,
Jan 1990 10/05/1994 3 . 3 . 0
? 10/05/1994 3 . 4 . 0

[get it](#) *remarks - general:*
[get it](#) *remarks - this release:* .

Ph1 **11** .- series Server location: http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.01 Mobile station type approval procedure principles (Candidate NET 10 part 1)

Ph1 *current version:* none
freeze_meeting:

WG (prime / other): - / *rapporteur:* N, A

Indicate persons who left Company and wait for new One

G: yes *U:* *MCC:* N, A

history (event, available, version,

remarks - general:
remarks - this release: .

G = required in systems with GERAN acces; U = required in systems with UMTS

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WITHDRAWN specs Ph1 11 .- series
Server http://www.3gpp.org/ftp/Specs/archive/11_series

TS 11.20 GSM DCS 1800 Base Station Specification

Ph1 *current version: none*

freeze_meeting:

history (event, available, version,

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: none*

freeze_meeting:

history (event, available, version,

draft 0 . 0 . 0

WG (prime / other): - / - *rapporteur:*
G: yes U: MCC: N, A

remarks - general: Title may have been "Network Management (NM); Part 3: Operations and
remarks - this release: . performance management".

G = required in systems with GERAN acces; U = required in systems with UMTS

3GPP specification status

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Server WITHDRAWN specs 24 .- series
http://www.3gpp.org/ftp/Specs/archive/24_series

24 .- series Server location: http://www.3gpp.org/ftp/Specs/archive/24_series

TS 24.04U	UMTS Interworking and internetworking signalling aspects; Interworking of UMTS with other systems				
<i>current version:</i> none		<i>WG (prime / other):</i> - /	<i>rapporteur:</i> N, A		Indicate persons who left Company and wait for new One
<i>freeze_meeting:</i>					
<i>history (event, available, version,</i>		<i>G:</i>	<i>U:</i>	<i>MCC:</i> N, A	
				<i>remarks - general:</i>	
				<i>remarks - this release:</i>	

G = required in systems with GERAN acces; U = required in systems with UMTS